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IN THE SENATE OF THE UNITED STATES.

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LETTER

FROM

THE SECRETARY OF AGRICULTURE,

TRANSMITTING

*The Report of the Bureau of Animal Industry for the year 1891.*

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DECEMBER 22, 1891.—Referred to the Committee on Agriculture and Forestry and ordered to be printed.

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U. S. DEPARTMENT OF AGRICULTURE,  
OFFICE OF THE SECRETARY,  
*Washington, D. C., December 14, 1891.*

SIR: I have the honor to transmit herewith a report of the operations of the Bureau of Animal Industry for the year 1891, in compliance with the requirements of section 11 of the act approved May 29, 1884, for the establishment of that Bureau.

Very respectfully,

J. M. RUSK,  
*Secretary.*

The PRESIDENT OF THE SENATE.





## OPERATIONS OF THE BUREAU OF ANIMAL INDUSTRY FOR THE YEAR 1891.

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On April 1, 1891, the force of the Bureau of Animal Industry was organized, by order of the Secretary of Agriculture, into four divisions, viz, the inspection division, the division of animal pathology, the division of field investigations and miscellaneous work, and the division of quarantine. The different branches of the work will therefore be considered under the head of the division to which each belongs.

### INSPECTION DIVISION.

To this division was assigned all work of an executive nature, including the eradication of contagious diseases, the inspection of export and import animals, meat inspection, vessel inspection, and the regulation of the movement of Southern cattle.

#### CONTAGIOUS PLEURO-PNEUMONIA.

The only disease which the Bureau has attempted to eradicate up to this time is that known as contagious pleuro-pneumonia.

During the past fiscal year the lines of work laid out at the commencement of the operations against pleuro-pneumonia have been closely followed. The success of the Bureau's plans of fighting this disease in the States of Illinois, Pennsylvania, and Maryland demonstrated that what in some other countries had proved a failure could be successfully carried out. During the year no instance of this disease has been reported from either of the three States in which the Bureau had carried on its operations, and which, as a result of these operations, had been cleared of the disease. The last case discovered in Maryland occurred in October, 1889, and while very careful watch has been kept over the slaughtering establishments in the city of Baltimore, no further cases of the disease have developed in that city, once a stronghold of pleuro-pneumonia.

Pennsylvania, likewise, has been free of disease, and the inspection of slaughterhouses, which has been continued since we removed the quarantine, has discovered no cases of pleuro-pneumonia since the removal of the quarantine above referred to. It has been deemed advisable to maintain a careful watch and constant inspection at both the stock yards and slaughterhouses in Philadelphia, owing to their proximity to the State of New Jersey, which has not yet been declared free of disease. This is a safeguard, or precautionary measure, which will be continued until the final extirpation of this disease from the entire United States.

## THE WORK IN NEW YORK.

The radical and stringent measures, both of disinfection and in the matter of the movement of animals on Long Island, adopted in the early part of last year have been strictly adhered to in that district during the past fiscal year and have proved, as expected, successful. The troubles incident to the opposition of interested parties in the infected area of Kings and Queens counties were soon lessened. The vigorous measures adopted led the parties who had before obstructed the work of the Bureau and secretly nursed contagious pleuro-pneumonia wherever possible, in order to introduce it into herds for their own profit, to realize that the Department was in earnest in its efforts to eradicate the disease and would punish all who violate the law and regulations.

The consequence has been that the disease no longer exists in these counties and that the State of New York has at last been freed from this contagion. The last case discovered on Long Island was on April 30, 1891, and seven months have therefore elapsed without the development of any further cases of the disease. While the absence of contagious pleuro-pneumonia for a period of six months has been and is considered sufficient to demonstrate the freedom of a district from the disease, and the Department would be fully warranted in removing its quarantine restrictions at this time, it is recommended, in view of the fact that the disease had existed for over fifty years in this district, that the quarantine regulations be maintained until April 30, 1892, a period of one year from the last appearance of disease.

From July 1, 1890, to June 30, 1891, there were inspected in New York 16,219 herds, containing 139,322 head of cattle; 134,464 animals were reëxamined, and 40,915 were tagged with numbered tags and registered upon the books of the Bureau. There were during this period 10 new herds found infected with contagious pleuro-pneumonia, and these herds contained 172 animals, 40 of which animals were found to be diseased upon post-mortem. There were purchased for slaughter during the same time 35 affected cattle, at a cost of \$1,016.63, an average of \$29.05 per head; also 569 exposed cattle, at a cost of \$13,846.05, an average of \$24.33 per head. The smaller cost of the exposed cattle was due, as in previous years, to the fact that the amount which the owner realized for the carcasses was deducted from the appraised value, the Department paying the balance. One hundred and ninety-three stables and premises were disinfected during the year, and post-mortem examinations were made upon 10,003 head of cattle, of which 40 were found diseased with pleuro-pneumonia.

The total expenses in New York for the past fiscal year were \$105,960.19, of which \$14,862.68 was paid for cattle purchased for slaughter, as either diseased or exposed. The remainder of these expenses constitutes the cost of disinfection, inspection, tagging, registering, supervising the movement of cattle, post-mortem examinations, and all the various expenses incident to a work of this character.

## THE WORK IN NEW JERSEY.

In this State the work of suppressing pleuro-pneumonia has been continued with special vigor and strict enforcement of the regulations of the Department. The district infected has been confined to the counties of Hudson and Essex, and while the number of herds found to be diseased have been few, they have been discovered at intervals so



far apart as to have covered the fiscal year, and the time between the outbreaks has not been sufficient for us at any time to declare the disease completely eradicated. The great difficulty met with in handling pleuro-pneumonia in this State is due to the fact that the State of New Jersey has never coöperated by act of its legislature with the Bureau, nor given to the Bureau any authority to punish those who disregard the regulations of the Department. Under the State law the period of quarantine of premises in which diseased animals have been found is limited to thirty days. This is a length of time insufficient to protect new animals that may be brought upon the premises at its expiration, and this fact may account, in a large measure, for the continued existence of the disease in New Jersey. Within the past few months the Department has undertaken to itself enforce its regulations, independent of State coöperation, relying entirely upon the authority vested in it by the acts of Congress.

From July 1, 1890, to June 30, 1891, there have been inspected in New Jersey 7,697 herds, containing 61,230 head of cattle. Of this number 48,655 head were reëxamined, and 6,903 tagged with numbered tags and registered upon the books of the Bureau. Only four new herds were found affected with pleuro-pneumonia during the year, containing 53 animals, 12 of which were pronounced diseased at the time the inspection was made. The total number of permits issued for the movement of cattle in this State was 1,329. There were purchased for slaughter during this period 13 head of affected cattle, at a cost of \$382, and 67 exposed cattle, at a cost of \$1,771.50. It was found necessary to disinfect but 13 premises and to make post-mortem examinations upon the carcasses of 6,208 animals, of which number only 12 were found diseased with pleuro-pneumonia.

The total expenses in New Jersey during the fiscal year were \$42,913.37, of which \$2,153.50 was paid for the purchase of cattle for slaughter because they were either diseased or had been exposed.

#### THE WORK IN MARYLAND.

The inspection of stock yards and slaughterhouses in Baltimore County, State of Maryland, was continued as a matter of precaution during the fiscal year. During this time 752 herds, containing 64,758 animals, were inspected, and 3,115 post-mortem examinations made. No disease was found during the fiscal year ending June 30, 1891, nor has any been since that time. Two years have therefore elapsed since the discovery of any pleuro-pneumonia in the State of Maryland, and there can be no question that this State is now and will be for all time to come free from contagious pleuro-pneumonia, unless the contagion is again introduced by the importation of affected cattle.

#### THE WORK IN PENNSYLVANIA.

During the past year 1,128 herds, containing 45,508 animals, were inspected in Philadelphia, and 26,750 post-mortem examinations made. As stated before, no contagious pleuro-pneumonia was found, and no cases have been found since.

#### THE WORK AS A WHOLE.

Including all the districts in which the Bureau has been carrying on its work of extirpating pleuro-pneumonia, as well as watching those districts from which it has eradicated this disease, there were inspected

during the fiscal year ending June 30, 1891, a total of 25,796 herds, containing 310,818 animals. Of this number 183,119 animals were reëxamined and 47,818 were tagged with numbered tags and registered upon the books of the Bureau.

The following table gives a résumé of this work, as given in detail above:

	New York.	New Jersey.	Maryland.	Pennsylvania.	Total.
Herds inspected .....	16, 219	7, 697	752	1, 128	25, 796
Cattle inspected .....	139, 322	61, 230	64, 758	45, 508	310, 818
Cattle reëxamined .....	134, 464	48, 655			183, 119
Post-mortem examinations .....	24, 113	6, 208	3, 115	26, 750	60, 186
Diseased carcasses found .....	40	12			52
Cattle tagged .....	40, 915	6, 903			47, 818
New herds found affected .....	10	4			14
Animals in affected herds .....	172	53			225
Diseased cattle purchased .....	35	12			47
Exposed cattle purchased .....	569	67			636
Premises disinfected .....	195	12			207

It may be interesting to note the number of diseased and exposed cattle which have been purchased and slaughtered each year since the work for the eradication of pleuro-pneumonia was commenced, as shown by the following table:

	1886-'87.	1887-'88.	1888-'89.	1889-'90.	1890-'91.	Total.
Diseased .....	1, 342	2, 398	1, 903	676	47	6, 366
Exposed .....	1, 576	5, 345	4, 533	3, 033	636	15, 178

#### MOVEMENT OF SOUTHERN CATTLE.

The mildness of last winter made it necessary to commence the control of Southern cattle coming to Northern markets at an earlier period than for the preceding year, and on February 5, 1891, the necessary order regulating the movement of cattle in this branch of our interstate commerce was issued, as follows:

#### REGULATIONS CONCERNING CATTLE TRANSPORTATION.

U. S. DEPARTMENT OF AGRICULTURE,  
OFFICE OF THE SECRETARY,  
Washington, D. C., February 5, 1891.

*To the managers and agents of railroad and transportation companies of the United States, stockmen, and others:*

In accordance with section 7 of the act of Congress approved May 29, 1884, entitled "An act for the establishment of a Bureau of Animal Industry, to prevent the exportation of diseased cattle, and to provide means for the suppression and extirpation of pleuro-pneumonia and other contagious diseases among domestic animals," and of the act of Congress approved July 14, 1890, making appropriation for the Department of Agriculture for the fiscal year ending June 30, 1891, you are hereby notified that a contagious and infectious disease known as splenic or southern fever exists among cattle in the following-described area of the United States:

All that country lying east and south of a line commencing at the southeast corner of the Territory of New Mexico, thence running northerly along the eastern boundary of New Mexico to the southwestern corner of the county of Cochran, State of Texas; thence easterly along the southern boundaries of the counties of Cochran, Hockley, Lubbock, Crosby, Dickens, and King to the 100th meridian of longitude; thence northerly along said 100th meridian to the southern boundary of the State of Kansas; thence easterly along the southern boundary of the State of Kansas to the northeast corner of the Indian Territory; thence southerly along the eastern bound-



dary of the Indian Territory to the southwestern corner of the State of Missouri; thence easterly along the southern boundaries of the State of Missouri and the State of Kentucky and the State of Virginia to a point where said boundary is intersected by the Blue Ridge Mountains; thence in a northeasterly direction following said Blue Ridge Mountains to the southwestern corner of the county of Madison, State of Virginia; thence easterly along the southern boundaries of the counties of Madison, Culpeper, and Stafford; thence northerly along the eastern boundary of Stafford County to the Potomac River; thence following the Potomac River southerly to the Chesapeake Bay; thence easterly along the southern boundary of Maryland to the Atlantic Ocean.

From the 15th day of February to the 1st day of December, 1891, no cattle are to be transported from said area to any portion of the United States north or west of the above-described line except in accordance with the following regulations:

First. When any cattle in course of transportation from said area are unloaded north or west of this line to be fed or watered, the places where said cattle are to be so fed or watered shall be set apart, and no other cattle shall be admitted thereto.

Second. On unloading said cattle at their points of destination pens shall be set apart to receive them, and no other cattle shall be admitted to said pens; and the regulations relating to the movement of Texas cattle prescribed by the cattle sanitary officers of the State where unloaded shall be carefully observed. The cars that have carried said stock shall be cleansed and disinfected before they are again used to transport, store, or shelter animals or merchandise.

Third. Whenever any cattle that have come from said area shall be reshipped from any of the points at which they have been unloaded to other points of destination, the car carrying said animals shall bear a placard, stating that said car contains Southern cattle, and each of the waybills of said shipment shall have a note upon its face with a similar statement. At whatever point these cattle are unloaded they shall be placed in separate pens, to which no other cattle shall be admitted.

Fourth. The cars used to transport such animals and the pens in which they are fed and watered, and the pens set apart for their reception at points of destination, shall be disinfected in the following manner:

(a) Remove all litter and manure. This litter and manure may be disinfected by mixing it with lime, diluted sulphuric acid, or, if not disinfected, it may be stored where no cattle can come in contact with it until after December 1.

(b) Wash the cars and the feeding and watering troughs with water until clean.

(c) Saturate the walls and floors of the cars and the fencing, troughs, and chutes of the pens with a solution made by dissolving 4 ounces of chloride of lime to each gallon of water, or disinfect the cars with a jet of steam under a pressure of not less than 50 pounds to the square inch.

The losses resulting yearly to the owners of susceptible cattle, both in the interstate and export trade, by the contraction of this disease from exposure in unclean and infected cars and pens and by means of the manure carried in unclean cars from place to place and the threatened prohibition of our export trade by foreign governments because of the occurrence of this disease, have become a matter of grave and serious concern to the cattle industry of the United States. It is absolutely essential, therefore, that this cattle industry should be protected as far as possible by separating the dangerous cattle and by the adoption of efficient methods of disinfection.

A rigid compliance with the above regulations will insure comparative safety to Northern cattle and render it unnecessary to adopt a more stringent regulation, such as the absolute prohibition of the movement of southern cattle except for slaughter during the time of year that this disease is fatal.

Inspectors will be instructed to see that disinfection is properly done, and it is hoped that transportation companies will promptly put in operation the above methods.

Very respectfully,

J. M. RUSK,  
Secretary.

The quarantine line of the present year was extended from the Mississippi River east to the Atlantic Ocean, and it was endeavored as nearly as possible, and having some regard to the state lines, to follow the line of permanent infection previously established, and as published in the report of the Bureau of Animal Industry for the year 1884.

The system established by the regulations consisted in the separation of all cattle coming from south of this line at the first stock yards they entered, and the herding in separate pens, and the continuance of this separation until they were finally slaughtered. All cars carrying this class of cattle were to be placarded with signs showing that

they carried Southern cattle, and the waybills for these cars stamped with the words "from Southern fever district;" and all cars which transported this class of cattle were to be thoroughly cleaned and disinfected by the railroad companies before being again used for the transportation of cattle.

Some idea of the amount of work done by the Bureau in supervising the movement of Southern cattle may be had from the fact that 57,269 car loads, comprising 1,575,589 head of cattle, were inspected and kept separate and distinct during their transportation over the various railroads and through the different stock yards of the country.

It was not possible during the present season to maintain as rigid an inspection of the work of disinfecting cars, performed by the railroad companies, as was necessary to insure absolute safety in this traffic. The Department was compelled in a measure to rely upon the railroad companies for an observance of this part of the regulations and for the thoroughness of the work. While a large number of the railroad companies cheerfully complied with the regulations as to cleaning cars, and endeavored to carry them out thoroughly, it is also true that others were careless in attending to this matter, while still others failed to observe these regulations at all. The consequence, therefore, has been that while the outbreaks of Texas or Southern fever have been greatly diminished during the present season, they have still occurred in various parts of the country, and cases have occurred among cattle in our export trade. This is due to the failure of some railroads to comply with the regulations as to cleaning cars and their use of unclean cars for cattle transportation.

In the export trade there has been reported up to the present time a total of 524 head of cattle affected with Southern fever. These cattle were, for the most part, infected through unclean cars, and it became necessary for the Department to schedule one railroad, which had failed to comply with the regulations against the carrying of export cattle, and to issue positive instructions to our inspectors at interior yards that no cattle should be tagged or export granted unless the cars supplied by the railroads for their transportation were cleaned and disinfected immediately prior to their loading.

It is necessary that Congress enact some legislation to compel railroad companies to comply with the regulations for cleaning and disinfecting cars that have carried Southern cattle, before this disease can be entirely prevented. At present there is no penalty or provision of law by which railroad companies can be held to a strict compliance with this rule, and the only means at the disposal of the Department is as regards export cattle, for which certificates of clearance may be refused if this rule is not complied with.

In the early part of the season urgent requests were made by the State authorities of Colorado and Wyoming that the Department permit cattle from south of its line to go into said States for grazing purposes. The line of inspection as established by these two States was considerably farther south than the line adopted by the Department, and it was claimed by them that their line was absolutely safe, and that they would assume all responsibility for any disease that might be taken into their States by the cattle shipped from this disputed area. For reasons which seemed at the time to possess sufficient weight this request was granted, and cattle were allowed to go from the area of country between the two lines to Colorado and Wyoming for grazing purposes, but upon condition that the same should be transported by



rail and not allowed to cross ranges or trails of other cattle, nor be shipped to market until after December 1, 1891, as stated in the following order:

U. S. DEPARTMENT OF AGRICULTURE,  
OFFICE OF THE SECRETARY,  
*Washington, D. C., April 23, 1891.*

Notice is hereby given that cattle which have been at least ninety days in the area of country hereinafter described may be moved from said area by rail into the States of Colorado, Wyoming, and Montana, for grazing purposes, in accordance with the regulations made by said States for the admission of southern cattle thereto.

*Provided:* (1) That cattle from said area shall go into said States only for slaughter or grazing, and shall on no account be shipped from said States into any other State or Territory of the United States before the 1st day of December, 1891. (2) That such cattle shall not be allowed in pens or on trails or ranges that are to be occupied or crossed by cattle going to the Eastern markets before December 1, 1891, and that these two classes of cattle shall not be allowed to come in contact. (3) That all cars which have carried cattle from said area shall, upon unloading, at once be cleaned and disinfected in the manner provided by the regulations of this Department of February 5, 1891. (4) That the State authorities of the States of Colorado, Wyoming, and Montana agree to enforce these provisions.

The area from which cattle may go into the States of Colorado, Wyoming, and Montana by rail for grazing, as above provided, is as follows: All that area included within the following boundary lines, viz: Commencing at the southeast corner of the Territory of New Mexico; thence running northerly along the easterly boundary of New Mexico to the southwestern corner of the county of Cochran, State of Texas; thence easterly along the southern boundaries of the counties of Cochran, Hockley, Lubbock, Crosby, Dickens, and King, to the one hundredth meridian; thence northerly along said one hundredth meridian to the Red River, where it crosses the eastern boundary of the county of Childress; thence following said Red River to the northwest corner of the county of Wichita; thence along the eastern boundaries of the counties of Wilbarger, Baylor, Throckmorton, and Shackelford; thence west along the southern boundary of Shackelford County; thence south along the eastern boundaries of Taylor, Runnels, Concho, Menard, and Kimble counties; thence west along the south lines of Kimble, Sutton, and Crockett counties; thence south along the east line of Pecos County to the Rio Grande River; thence along the Rio Grande River to the one hundredth meridian, and thence northerly along said meridian to the point of beginning.

J. M. Rusk,  
*Secretary.*

It transpired that, notwithstanding the representations made by the authorities of these two States, cattle shipped from south of the Department's line and north of their line disseminated Texas fever in both Colorado and Wyoming, and there were considerable losses among the native cattle of these two States by infection from the southern cattle introduced under this arrangement. It appears, therefore, that the line adopted by the Department can not be materially changed without grave danger to the cattle industry.

#### INSPECTION OF EXPORT ANIMALS.

This work has been continued under the provisions of the act of Congress of August 30, 1890, and covers the inspection of animals at interior stock yards, the tagging of animals at these points with numbered metal tags, and the collection and recording of a history of the animals at the time of tagging, the reinspection of these animals at the port of export, and the loading of the same on board vessels.

The following tables show the details of this work for the fiscal year ending June 30, 1891:

*Animals tagged and inspected for export from the commencement of such work November 15, 1890, to close of the fiscal year 1891.*

Place.	Export cattle tagged.			Export cattle inspected.			Cattle rejected on inspection, on account of disease.	Export sheep inspected Jan. 1 to June 30, 1891.
	Nov. 15 to Dec. 31, 1890.	Jan. 1 to June 30, 1891.	Total.	Nov. 15 to Dec. 31, 1890.	Jan. 1 to June 30, 1891.	Total.		
New York, N. Y. ....	9,844	10,781	20,625	19,368	57,769	77,137	50	7,477
Boston, Mass. ....	6,143	17,771	23,914	15,620	48,231	63,851	30	1,529
Portland, Me. ....	3	3	6	412	1,797	2,209	1	.....
Baltimore, Md. ....	10,589	11,761	22,350	11,639	33,513	45,152	4	1,643
Newport News, Va. ....	1,950	7	1,957	2,890	1,831	4,721	1	.....
West Point, Va. ....	499	1	500	541	350	891	0	.....
Norfolk, Va. ....	337	.....	337	337	325	662	0	.....
Philadelphia, Pa. ....	801	1,170	1,971	1,284	6,561	7,845	0	709
New Orleans, La. ....	.....	250	250	.....	250	250	0	.....
Chicago, Ill. ....	18,643	103,463	122,106	18,643	103,463	122,106	78	10,486
Buffalo, N. Y. ....	4,501	4,784	9,283	4,501	15,114	19,615	7	.....
Pittsburg, Pa. ....	18	384	402	2,918	12,081	14,999	0	.....
Aggregate.....	53,328	150,375	203,703	78,153	281,285	359,438	171	21,814

*Exports of domestic cattle to Europe during the fiscal year ending June 30, 1891.*

Port of export.	Great Britain.	Germany.	Belgium.	France.	Total.
Six months ending Dec. 31, 1890:					
New York, N. Y. ....	83,411	1,390	3,009	3,223	91,033
Boston, Mass. ....	58,727	137	802	.....	59,666
Baltimore, Md. ....	40,985	368	1,602	703	43,658
Philadelphia, Pa. ....	7,982	.....	.....	.....	7,982
New Orleans, La. ....	189	.....	.....	.....	189
Portland, Me. ....	412	.....	.....	.....	412
Norfolk, Va. ....	686	.....	.....	.....	686
Newport News, Va. ....	5,616	185	352	1,327	7,480
West Point, Va. ....	1,496	.....	.....	.....	1,496
Total.....	199,504	2,080	5,765	5,253	212,602
Six months ending June 30, 1891:					
New York, N. Y. ....	53,552	2,539	552	299	56,942
Boston, Mass. ....	47,871	360	.....	.....	48,231
Baltimore, Md. ....	32,376	539	265	333	33,513
Philadelphia, Pa. ....	6,561	.....	.....	.....	6,561
New Orleans, La. ....	250	.....	.....	.....	250
Portland, Me. ....	1,797	.....	.....	.....	1,797
Norfolk, Va. ....	325	.....	.....	.....	325
Newport News, Va. ....	1,831	.....	.....	.....	1,831
West Point, Va. ....	350	.....	.....	.....	350
Total.....	144,913	3,438	817	632	149,800
Aggregate, fiscal year 1891 .....	344,417	5,518	6,582	5,885	362,402

The exports of cattle for the fiscal year ending June 30, 1891, show a decrease of  $3\frac{3}{4}$  per cent compared with the exports for the fiscal year ending June 30, 1890. The total exports for 1891 amounted to 362,402, as against 372,691 for the preceding fiscal year. The cause of this decrease in exports is undoubtedly due to the increase in prices of cattle in this country during the latter part of the fiscal year, cattle bringing in June, 1891, from \$1.25 to \$1.50 per 100 pounds more than in June, 1890.



## INSPECTION OF IMPORTED ANIMALS.

The act of August 30, 1890, provides for the inspection of all imported cattle, sheep, and swine arriving in the United States. This work was inaugurated by the Bureau immediately after the passage of the act, and has been continued in accordance with our regulations. Inspection stations have been established along the Canadian border, and the three quarantine stations along the Atlantic seaboard, which were already in existence, have been maintained under the direction of the quarantine division.

At the commencement of this work stations were established along the Mexican border, but since the provisions of the present tariff law went into effect no importations of cattle, sheep, or swine have been made from Mexico, and for this reason these stations were discontinued. The total number of animals inspected to June 30, 1891, imported at our Canadian stations, were 2,218 cattle, 44,948 sheep, and 29 swine. At the quarantine stations on the Atlantic seaboard there were imported and quarantined for ninety days 45 cattle imported for breeding purposes; also 776 sheep and 70 swine quarantined for fifteen days.

Owing to the failure of the Dominion of Canada to provide for the quarantine of sheep arriving in that country from countries infected with foot-and-mouth disease, the Secretary of Agriculture on May 19, 1891, issued an order quarantining all sheep and swine imported from Canada into the United States for a period of fifteen days, as follows:

U. S. DEPARTMENT OF AGRICULTURE,  
OFFICE OF THE SECRETARY,  
*Washington, D. C., May 19, 1891.*

Whereas, under the act of Congress approved August 30, 1890, it has been provided by the Department of Agriculture, in order to protect the sheep and swine of the United States from contagious diseases now existing in foreign countries, that all sheep and swine imported from Great Britain and the continent of Europe must be held in quarantine for a period of not less than fifteen days; and

Whereas the Dominion of Canada makes no requirement of quarantine for sheep and swine imported into that country from Great Britain or the continent of Europe; and

Whereas to permit importations of these animals from Canada into the United States without quarantine would be dangerous to the stock interests of the United States, owing to the failure on the part of the Canadian authorities to enforce this measure of protection, and would enable importers to evade the quarantine at United States ports; therefore it is

*Ordered*, That all sheep or swine to be imported from Canada into the United States are hereby made subject to the regulations of the Department of Agriculture of date October 13, 1890, and the exception contained in the third and sixth regulations of said date, as applicable to Canadian sheep and swine, is hereby rescinded, and all animals named in said regulations, except cattle imported from Canada, are subject to the same conditions and requirements as if they were imported into the United States from Great Britain or the continent of Europe.

J. M. RUSK,  
*Secretary.*

Some time thereafter the Dominion of Canada, by an order of Council, established a quarantine of fifteen days on all sheep and swine imported into said Dominion from Great Britain or the continent of Europe. As this quarantine of the Canadian Government corresponded with that adopted by the Department of Agriculture of the United States, the following order was issued on June 25, 1891, rescinding the order of May 19:

U. S. DEPARTMENT OF AGRICULTURE,  
OFFICE OF THE SECRETARY,  
*Washington, D. C., June 25, 1891.*

Whereas, on May 19, 1891, the Department of Agriculture, under the act of Congress approved August 30, 1890, issued an order providing that all sheep and swine to be imported from the Dominion of Canada into the United States should be sub-

ject to a quarantine of fifteen days at the port of entry, this order being issued upon the ground, as stated therein, that the Dominion of Canada had made no provision for a quarantine for sheep and swine imported into that country from Great Britain or the continent of Europe; and

Whereas the said Dominion of Canada, on the 6th day of June, 1891, by an order in Council, duly established a quarantine of fifteen days on all sheep and swine imported into said Dominion from Great Britain or the continent of Europe; now, therefore, it is

*Ordered*, That the quarantine of sheep and swine imported from Canada into the United States required by the aforesaid order of May, 1891, is hereby removed, and sheep and swine may be imported from Canada into the United States without quarantine: *Provided*, On inspection of said sheep or swine at the ports of entry they are found to be free of disease: *And provided further*, That sheep or swine imported into the United States from Great Britain or the continent of Europe through Canada shall have been held in quarantine by the Canadian Government for fifteen days, and the importer shall produce at the port of entry into the United States a certificate from the proper quarantine officer of said Government showing the fact of said quarantine.

J. M. RUSK,  
Secretary.

The only contagious disease found among animals imported at our quarantine stations during the past year was among a shipment of 22 Southdown sheep from England, which entered at our quarantine station at Garfield, N. J., and in which shipment were 11 animals affected with foot-rot. This shipment was detained in quarantine until the disease had entirely disappeared. The only other instance of disease occurred in a shipment of sheep from Canada, imported at Island Pond, Vt., in which were found 5 cases of foot-rot out of a shipment of 102 head. These were treated in the same manner as the sheep found diseased at the Garfield Quarantine Station.

The following tables show the results of the inspection of imported animals in detail:

*Imported animals inspected by inspectors of the Bureau of Animal Industry from the commencement of inspections, November 15, 1890, to close of the fiscal year 1891.*

Port of entry.	November 15 to December 31, 1890.			January 1 to June 30, 1891.			Total.		
	Cattle.	Sheep.	Swine.	Cattle.	Sheep.	Swine.	Cattle.	Sheep.	Swine.
Portland, Me .....		102						102	
St. Albans, Vt. ....				1,618			1,618		
Island Pond, Vt. ....				383			383		
Newport, Vt. ....				86			86		
Ogdensburg, N. Y. ....		347		8	3	3	8	550	3
Cape Vincent, N. Y. ....	1	1,080		7	43	3	8	1,123	3
Morristown, N. Y. ....				6			6		
Buffalo, N. Y. ....		23,210		6	19,058		6	42,268	
Suspension Bridge, N. Y. ....				14	84	2	14	84	2
Detroit, Mich. ....				24	58	4	24	58	4
Port Huron, Mich. ....	3	168		62	573	17	65	741	17
Brownsville, Tex. ....		22						22	
Aggregate .....	4	25,129		2,214	19,819	29	2,218	44,948	29

NOTE.—This statement does not include imported live stock received at the quarantine stations located on the seaboard.

#### INSPECTION IN GREAT BRITAIN.

The inspection, by American veterinarians, of American cattle landed at the foreign animal wharves in Great Britain has been continued during the present year. It had been frequently alleged by the British Government that our cattle arriving in that country were affected with



contagious pleuro-pneumonia, and their inspectors were continually reporting the arrival of diseased animals. The last report of the chief veterinary surgeon of Great Britain, for example, states that 14 animals from America had been found affected with contagious pleuro-pneumonia during 1890.

To ascertain upon what foundation these allegations were based, the Department established this transatlantic inspection in August, 1890. During its continuance but three cases of alleged pleuro-pneumonia have been reported by the British inspectors. The report of the American inspectors on these cases was to the effect that the disease was not contagious pleuro-pneumonia, but a form of interstitial pneumonia; and a consideration of all the facts, together with an examination of portions of the lungs forwarded to the Department by our inspectors, satisfied the chief of the Bureau of Animal Industry that the claim of the British authorities could not be maintained.

The position taken by the American inspectors was confirmed by Prof. Williams, principal of the New Veterinary College, Edinburg, one of the most eminent veterinarians in the profession, as well as by his son, a professor in the same institution, and by Dr. J. E. Ryder, member of the American Veterinary College, who was in England at the time. As the history of animals alleged to be affected with this disease is of the greatest importance in reaching a correct diagnosis, every effort was made to obtain this in the most complete and reliable form. The animals claimed to have been affected were tagged in this country prior to their export, and the names of the owners, feeders, and the locality from which they came were recorded in the books kept by the Bureau. Obtaining, therefore, the tag numbers of these animals from our inspector abroad, we were enabled to make a careful investigation of their history and trace them back to the farms on which they were reared. The result of this investigation demonstrated clearly that there had not been any disease of this character in the locality or neighborhood from which these animals came, nor on the farms upon which they were born and reared; nor had there been any possibility of exposure to the disease in course of transportation to the port of export. This history, in connection with the diagnosis of our inspectors, clearly established the fact that the claim made by the British authorities could not possibly be maintained.

In this connection it might be well to observe that these cases and other cases of alleged pleuro-pneumonia claimed to have been found by the British authorities occurred during the winter and spring months, at a time when cattle in the course of transportation across the Atlantic were exposed to storms and severe cold weather, tending to develop lung trouble and pneumonia in other forms than that of a contagious character. It is, therefore, safe to conclude that all the alleged cases of this disease said to have been found by the British veterinarians among American cattle were simply forms of pneumonia caused by the exposure incident to a voyage across the Atlantic during a cold and stormy period of the year.

The total number of animals inspected by our veterinarians stationed in Great Britain from the time of their commencement of work to June 30, 1891, was 289,745 head of cattle and 6,989 sheep.

The following table shows the work of inspecting at British ports for the fiscal year ending June 30, 1891:

*Losses at sea and number of domestic cattle and sheep inspected by the inspectors of the Bureau of Animal Industry at London, Liverpool, and Glasgow from the commencement of inspections at those ports August 16, 1890, to June 30, 1891.*

Port.	Cattle.						Sheep, May 1 to June 30, 1891.	
	Aug. 16 to Dec. 31, 1890.		Six months ending June 30, 1891.		Total.			
	Inspected.	Loss at sea.	Inspected.	Loss at sea.	Inspected.	Loss at sea.	Inspected.	Loss at sea.
London .....	57, 874	1, 742	60, 466	877	118, 340	2, 619	2, 149	30
Liverpool .....	71, 339	527	69, 518	551	140, 857	1, 078	3, 397	90
Glasgow .....	14, 859	498	15, 689	548	30, 548	1, 046	1, 443	1
Aggregate...	144, 072	2, 767	145, 673	1, 976	289, 745	4, 743	6, 989	121

Aggregate loss: Cattle,  $1\frac{1}{2}$  per cent; sheep,  $1\frac{1}{10}$  per cent.

### VESSEL INSPECTION.

Under the act of March 3, 1891, this Department was empowered to regulate the fittings of vessels carrying export cattle from the United States to foreign countries, and on June 6, 1891, the following regulations, designed to promote the better carrying of cattle, the more humane treatment of the same, and to insure their arrival at points of destination in better condition, were promulgated:

U. S. DEPARTMENT OF AGRICULTURE,  
OFFICE OF THE SECRETARY,  
Washington, D. C., June 6, 1891.

Pursuant to the authority invested in the Secretary of Agriculture by virtue of an act of Congress approved March 3, 1891, entitled "An act to provide for the safe transport and humane treatment of export cattle from the United States to foreign countries, and for other purposes," the following regulations are hereby prescribed for vessels engaged in the transportation of cattle from the United States to foreign countries:

(1) The owners, agents, or master of any vessel desiring to transport cattle from any port of the United States will make application to the Secretary of Agriculture at Washington, D. C., for a certificate of register. Said application shall be made upon a blank form furnished by the Department of Agriculture, to be filled out by the applicant, and on receipt of the same the Secretary of Agriculture will direct the veterinary inspector in charge of the port from which said vessel is to clear to examine said vessel, and if the same has complied with the regulations hereinafter prescribed a certificate of registry will be issued, good for the term of one year, which will entitle said vessel to engage in the trade of carrying export cattle and will state the number of cattle which said vessel may transport: *Provided, however,* That any certificate of registry issued shall be subject at any time to cancellation upon the violation of any of these regulations by said vessel, and that the veterinary inspector of the port may from time to time make such changes in the fittings of said vessel as in his judgment may seem necessary.

### SPACE.

(2) Cattle carried on the upper or spar deck must be allowed a space of 2 feet 6 inches in width by 8 feet in depth per head. No more than four head of cattle will be allowed in each pen. Cattle loaded between decks must be allowed a space of 2 feet 8 inches in width by 8 feet in depth, no more than four head being allowed in each pen, except at the end of a row, where five may be allowed together.

(3) Vessels will be allowed to carry three deck loads of cattle, but where it is desired to carry cattle on the lower or steerage deck special permission must be obtained from the inspector, which will only be granted in cases where said deck is provided with sufficient ventilation, as hereinafter prescribed.



## UPPER-DECK FITTINGS.

(4) *Stanchions, wooden.*—Stanchions must be of good, sound timber, 4 by 6 inches, placed at proper distances from centers, against ship's rail and inside stanchions, in their proper place directly in line with outboard stanchions, to be set up so that the 6-inch way of the stanchion shall set fore and aft. A proper tenon shall be cut on the head of same to receive the thwart-ship beam; the tenon not to be less than 3 inches in length and the shoulder not less than  $2\frac{1}{4}$  inches on each side of the stanchion, thus leaving the tenon  $1\frac{1}{2}$  inches thick. A piece of 2 by 3 inches or 2-inch plank shall be fastened to outside of stanchion and run up to underneath rail to chock stanchion down and prevent lifting when beam is sprung to crown of deck. Open-rail ships shall be blocked out on backs of stanchions fair with the outside of rails to receive the outside of planking. Where upper deck fittings are not permanent, the heels of outside stanchions shall be secured by a bracing of 2 by 3 inch sound lumber from the back of each stanchion to shear-streak or water-way, the heels of inside stanchions being properly braced from and to each other. Bulwark stanchions must also be extra stanchioned by raking shores running diagonally from the top of the stanchions to the deck.

*Stanchion, iron.*—These may be used in place of wooden stanchions and should be not less than 2 inches in diameter, set in iron sockets above and below and fastened with nut and bolt.

*Hook bolts or clamps.*—Hook bolts or clamps must be made of  $\frac{5}{8}$ -inch wrought iron, with hook on outboard end and thread and nut on inboard end, to pass over and under rail and through outboard stanchion and set up on the inside of same with a nut. These bolts may be double or single. If double, then no thread or nut is necessary, but the stanchion will lie shipped through it, thus double hooking the rails. This will be found very useful where funnels or other deck fittings come in the way of beams passing from side to side of ship.

*Beams.*—Beams must be of good, sound lumber, 3 by 6 inch, to run clear across the ship beam where practicable. Should any house or deck fittings be in the way, then butt up closely to same. These beams shall have a  $1\frac{1}{2}$  by 4 inch mortise cut in to receive the tenon of each and every stanchion, and to take the same crown as deck of ship by springing down to shoulder of outside stanchions, and to be properly pinned or nailed to tenon and wedged tightly afterward. The mortises shall be cut not less than 6 inches from outside ends of beams and a piece nailed on outside of same and trimmed off fair with beam ends to prevent splitting.

*Diagonal braces from stanchions to beams.*—Diagonal braces shall be fastened on each stanchion on both sides of same, running up to top side of beam and properly secured by well nailing to both stanchion and beam.

*Headboards.*—Headboards shall be not less than 2 by 10 or 3 by 8 inches, of good, sound lumber, and secured to every stanchion by  $\frac{5}{8}$ -inch screw bolts passing through same and set up on same with a nut. Where headboards butt on a stanchion a piece of  $1\frac{1}{2}$ -inch lumber (pine) shall be placed over the butts, like a butt strap, the bolts to go through same and be set up with a nut on the stanchions. These headboards can be placed on either side of the stanchions. All headboards shall have  $1\frac{1}{2}$ -inch holes bored through them at proper distance, to tie the animals.

*Footboards.*—Footboards shall be of the same material as headboards, properly nailed or bolted to stanchions on the inside of same.

*Division boards.*—Division boards shall be of 2-inch sound lumber, fitted so as to be removable at any time, and so arranged as to divide the animals into lots of 4, thus making compartments for this number all over the vessel. These division boards may be fitted perpendicularly or horizontally.

*Flooring.*—Flooring shall be of 1-inch boards, laid fore and aft on ships with wooden decks at the option of the owners. Iron-decked ships shall be sheathed with 2-inch spruce, hemlock, or yellow pine, or with 1-inch hemlock; but if 1-inch hemlock is used, then the foot-locks shall be 3 by 4 inches, to be laid so that they will properly secure the 1-inch boards, thus preventing them from slipping and at the same time acting as foot-locks by showing a surface of 2 by 4 inches to correspond with the 2 by 3 inches. It is optional with the owners whether they permit sheathing to be used on their ships with wooden decks or whether they allow foot-locks to be secured to the deck. But on iron decks it is absolutely necessary (if permanent foot-locks are not down) to sheath them before putting down the foot-locks, in order to fasten same. Cement can be used instead of wood sheathing, and foot-locks molded in same.

*Foot-locks.*—Foot-locks shall be of good sound lumber, size 2 by 3 inches or 3 by 4 inches hemlock, laid fore and aft of ship, placed 12 inches, 14 inches, 2 feet 2 inches, and 14 inches apart, the first one distant 12 inches from inside of foot board, filled in athwart ships opposite each stanchion, properly secured to sheathing or deck, and secured by a batten to go over all from stanchion to stanchion. When troughs are used, foot-locks will be placed 17, 16, 22, and 16 inches apart.

*Outside planking.*—All outside planking on open and closed railed ships must be properly laid fore and aft of ship and nailed to the backs of stanchions, as close as possible for the cold season, and for the warmer months the top course planking shall be left off fore and aft of ship in order to allow a free circulation of air. Nothing less than 2-inch spruce or 1½-inch yellow pine is to be used for this purpose. There shall be placed over each seam of outside planking a 1 by 5-inch batten securely nailed thereto, which will help to exclude wind and water.

#### PLANKING OF SHELTER DECK TO BE ERECTED ON SPAR-DECKED SHIPS.

The plank to be nailed on this deck is simply to shelter the cattle, and it should be laid with 1½-inch sound lumber.

#### PLANKING OF SHELTER DECK TO ERECTED ON WELL-DECK SHIPS.

The plank to form the shelter deck on well-deck ships shall be laid with 2-inch sound lumber sufficient to cover cattle. This plank shall be laid as closely as possible and well nailed to the beams, thus making a good deck from which to work the ship's gear.

*Nails.*—No nails less than 20-penny shall be used in foot-locks or where 2-inch material is used. Twelve-penny nails can be used in 1½-inch plank or under.

#### UNDER-DECK FITTINGS.

*Stanchions.*—Stanchions shall be of good, sound lumber, 4 by 6 inch, set up at proper distances from centers so that the 6-inch way of same shall stand fore and aft and jammed in tight between the two decks, properly braced on head and from side to side of ship; this bracing shall be of 2 by 3-inch spruce or yellow pine and be properly butted against each stanchion. Where it is found impracticable to run these braces across ship by reason of hatches, etc., coming in the way, then they shall be well braced from hatch combings and from the obstruction which prevents running braces from side to side. The heads of these stanchions shall be braced fore and aft by 2 by 3 inch pieces well nailed on each stanchion and running fore and aft close up to the lower edge of the ship beams and butted at each end of compartment and against themselves, or chocked in underneath beam and well nailed to heads of stanchions. If upper and lower decks are wood, then the stanchions set up between decks may be secured by well cleating to each deck at heads and heels of same.

*Headboards.*—Headboards shall be of the same dimensions as those on the upper deck and fastened in the same manner, with 1½-inch holes bored at right distances to tie animals.

*Footboards.*—Footboards shall be of same dimensions as those on upper deck, and fastened in the same manner.

*Division boards.*—Division boards shall be fitted perpendicularly or horizontally, and arranged so that they divide the animals into pens of four, or at end of row, into pens of five, and shall ship or unship by forming a slide on cargo battens to head and footboards or on stanchions.

*Flooring.*—Where ships have decks of wood it shall be optional with owners whether they have boards put down to protect decks or whether they allow the foot-locks to be nailed to the ship's deck. (Permanent foot-locks may be put down). If the decks are of iron, then wooden flooring must be laid either of 2-inch spruce with 2 by 3 inch foot-locks, or of 1-inch hemlock with 3 by 4 inch foot-locks, same as provided for upper decks. Cement may also be used instead of wood flooring, molding the foot-locks in their proper places between same.

*Foot-locks.*—Foot-locks may be put down any size over 2 by 3 inches, but nothing under this size shall be used. They should be laid fore and aft of ship at distances mentioned in upper-deck fittings, and be well fastened to either deck or flooring, or to themselves, and properly filled in athwart ships between stanchions, same as on upper deck.

*Troughs.*—Suitable troughs may be formed on the footboards about 12 inches wide, when required, by nailing footboard on outside of stanchion and fitting up on the inside.

*Casing for steering gear.*—A suitable casing must be placed over the ship's steering gear when found necessary.

*Alleyways.*—Alleyways between the pens must not be less than 18 inches, unless otherwise authorized by inspectors.



## VENTILATION.

(5) Each compartment containing cattle must have at least four bell-mouthed ventilators, of not less than 18 inches inside diameter, and with tops exceeding 7 feet in height, two situated at each end of the compartment.

(6) Vessels desiring to carry cattle on third deck may obtain special permit from the inspector of the port, when said vessel is fitted same as second deck and properly ventilated.

(7) No cattle shall be loaded along the alley ways by engine room unless side of said engine room is covered by 1½-inch grooved and tongued lumber, making a 3-inch air space.

(8) No cattle shall be loaded on hatches on decks above cattle, nor shall any merchandise, freight, or food for cattle be loaded on said hatches, but said hatches shall at all times be kept clear.

(9) Only two days' feed for cattle, at the discretion of port inspectors, shall be allowed to be carried on deck, properly covered, and this must be the first feed used.

(10) All vessels will carry not less than 4 hogsheads, of over 100 gallons capacity, for each 100 head of cattle, and these shall be filled with fresh water before sailing and refilled as emptied.

(11) Vessels will require shippers to furnish a foreman to be in charge of cattle, and one cattleman for each 25 head of animals shipped. Three-fourths of the men in charge of a shipment of cattle must be experienced men who have made previous trips with cattle, and who must satisfy the veterinary inspector of the port, by satisfactory evidence, that they are capable and reliable. Shippers will notify the inspector of the port, two days before the sailing of a vessel, of the name of the foreman to be in charge of their shipment and of the names of the attendants, and the veterinary inspector will certify said men to the captain of the vessel, if he has reason to believe they are reliable. The captain of the vessel will report to the veterinary inspector of the port on his return as to the conduct and efficiency of each of the men in charge of cattle on his previous trip, and such men as have been found to be unsuited to be in charge of cattle will thereafter be refused certification to go with any shipment of cattle by the inspector of the port.

(12) Cattle will be tied with ¾-inch rope, which shall not be used more than once.

(13) On vessels having false decks upon which cattle are loaded, these must be removed and the manure and dirt cleaned from underneath, before receiving another cargo of cattle.

(14) No vessel will be allowed to take on board any cattle for export unless the same have been at the port of embarkation at least twenty-four hours before the vessel sails, except in special cases and by direction of inspector.

(15) The inspector of the port may, in case he finds any of the fittings are worn, decayed, or appear to be unsound, require the same to be replaced before he clears the vessel. He will also supervise the loading of cattle and see that they are properly stowed and tied, and that all the requirements of these regulations have been complied with.

J. M. RUSK,  
*Secretary.*

The various steamship companies engaged in this traffic have very cheerfully accepted these regulations, and, at some expense, have remodeled their vessels so as to comply with them. The result so far of the vessel inspection regulations has been to reduce losses from suffocation and weak fittings in vessels. The total number of vessels examined from July 1 to September 19, 1891, was 215, of which 98 sailed from the port of New York, 52 from the port of Boston, 42 from the port of Baltimore, 15 from the port of Philadelphia, and 8 from the port of Newport News.

## MEAT INSPECTION.

The most important work of the Bureau, placed upon it by the act of Congress of March 3, 1891, is that of meat inspection; important not only in view of the vast amount of work necessary to carry the provisions of this law into operation, but from its effect upon the commerce of the nation and the health of our people. The act of Congress of August 30, 1890, provided for the inspection of salted pork and bacon. It was the intention of Congress in passing this measure to enact a law

which would enable this Government to so certify to the wholesomeness of our pork products that it would entitle them to entry into foreign countries. The provisions of this act, however, referred more particularly to an inspection which would determine the character and manner in which these products were packed and their condition at time of shipment, and did not reach to the more important object of determining whether the animals from which they came were diseased or not at the time of slaughter. The consequence was that foreign governments refused to recognize such inspection or certificates issued thereunder as sufficient to warrant the removal of the prohibition which they had for many years maintained against American pork.

In prescribing, therefore, regulations under the act of March 3, 1891, provision was made for a microscopic examination of hogs at time of slaughter, in order to certify that the same were free of the animal parasite called *Trichina spiralis*. In addition to the provisions for microscopic inspection of pork, the regulations provided for an examination at time of slaughter, by veterinary surgeons, of all animals slaughtered for export or interstate trade, the condemnation of animals found to be diseased, and the proper identification of carcasses and the products of the same which entered into these two classes of our commerce.

The regulations governing the work of meat inspection are as follows:

U. S. DEPARTMENT OF AGRICULTURE,  
OFFICE OF THE SECRETARY,  
Washington, D. C. March 25, 1891.

The following rules and regulations, being additional to the rules and regulations heretofore made under the act of Congress approved August 30, 1890, are hereby prescribed for the inspection of live cattle, hogs, and their carcasses, by virtue of the authority conferred upon the Secretary of Agriculture under the provisions of the act of Congress approved March 3, 1891, entitled "An act to provide for the inspection of live cattle, hogs, and the carcasses and products thereof which are the subjects of interstate commerce, and for other purposes."

#### EXPORT-CATTLE INSPECTION.

(1) The order and regulations providing for the inspection of export cattle and sheep, made October 20, 1890, under the provisions of section 10 of the act of Congress approved August 30, 1890, are hereby continued in full force and effect, the same as if made under the provisions of the act of March 3, 1891, and all exporters, to secure clearance for their shipments of cattle, must comply strictly with the said regulations.

#### MEAT INSPECTION.

(2) The proprietors of slaughterhouses, canning, salting, packing, or rendering establishments, engaged in the slaughter of cattle, sheep, or swine, the carcasses or products of which are to become subjects of interstate or foreign commerce, will make application to the Secretary of Agriculture for inspection of said animals and their products.

(3) The said application must be in writing, addressed to the Secretary of Agriculture, Washington, D. C., and shall state the location and address of the slaughterhouse or other establishment, the kind of animals slaughtered, the estimated number of animals slaughtered per week, and the character and quantity of the products to go into interstate or foreign commerce from said establishment; and the said applicant in his application shall agree to conform strictly with all regulations or orders that may be made by the Secretary of Agriculture for carrying on the work of inspection at such establishment.

(4) The Secretary of Agriculture, upon receipt of said application and after consideration thereof, will give said establishment an official number, by which all its inspected products will thereafter be known, and this number will be used both by the inspectors of the Department of Agriculture and by the owners of said establishment to mark the products of the establishment as hereinafter prescribed.

(5) The Secretary of Agriculture will appoint and designate a veterinary inspector to take charge of the examination and inspection of animals and their products for each establishment which has been officially numbered, as prescribed by Rule 3, and



will detail to such inspector such assistants or other employés as may be necessary to properly carry on the work of inspection at said establishment. The inspector appointed, and all employés under his direction, shall have full and free access at all times to all parts of the building or buildings used in the slaughter of live animals and the conversion of their carcasses into food products.

(6) The veterinary inspector in charge of said establishment will carefully inspect all animals in the pens of said establishment about to be slaughtered, and no animal shall be allowed to pass to the slaughtering room until it has been so inspected. Whenever any animal is found on said inspection to be diseased, said animal shall thereupon be condemned by the inspector, and the owner of the same shall at once remove it from the premises and dispose of it in such manner as may be provided by the laws of the State in which said animal is located.

(7) The veterinary inspector or his assistant shall carefully inspect at time of slaughter all animals slaughtered at said establishment, and make a post-mortem report of the same to the Department. Should the carcass of any animal on said post-mortem examination be found to be diseased and unfit for human food, the said carcass shall at once be removed from said establishment under the supervision of the inspector and be disposed of in the manner provided by the laws of the State where slaughtered. Any owner of any establishment in which inspections are being made under the provisions of the act of March 3, 1891, who shall willfully cause or permit any animal which, upon inspection, has been found to be diseased to remain on said premises beyond the time allowed by the inspector in charge for its removal, shall forfeit his right to inspection, and said establishment will, for such time as the Secretary may direct, be refused certificates of inspection upon its products.

(8) The carcasses of cattle which leave said establishment as dressed beef will be stamped by said inspector with a numbered stamp issued by the Department of Agriculture, and a record of the same will be sent to the Department at Washington.

(9) Each and every article of food products made from the carcasses of animals inspected will be labeled or marked in such manner as the owner of said establishment may direct; said label, however, must bear the official number of the establishment from which said product came and also contain a statement that the same has been inspected under the provisions of the act of March 3, 1891.

A copy of said label must be filed at the Department of Agriculture, Washington, D. C., and, after filing, said label will become the mark of identification showing that the products to which it has been attached have been inspected, as provided by these rules and regulations; and any person who shall forge, counterfeit, alter, or deface said label will be prosecuted under the penalty clause of section 4 of the act of March 3, 1891.

Each and every package to be shipped from said establishment to any foreign country must have printed or stenciled on the side or on the top, by the packer or exporter, the following:

#### FOR EXPORT.

- (a) Official number of establishment.
- (b) Location of factory.
- (c) Number of pieces or pounds.
- (d) Trade-mark.

In case said package is for transportation to some other State or Territory or to the District of Columbia, in place of the words "for export" the words "interstate trade" shall be substituted.

The letters and figures in the above print shall be of the following dimensions: The letters in the words "for export" or the words "interstate trade" shall not be less than three-fourths of an inch in length, and the other letters and figures not less than one-half inch in length. The letters and figures affixed to said package shall be legible and shall be in such proportion and of such color as the inspector of the Department of Agriculture may designate.

(10) The inspector of the Department of Agriculture in charge of said establishment, being satisfied that the articles in said packages came from animals inspected by him, and that they are wholesome, sound, and fit for human food, shall affix to the top of said packages meat-inspection stamps to be furnished by the Department of Agriculture, said stamps bearing serial numbers, and the inspector will write on said stamps the date of inspection.

The stamp must be securely affixed by paste and tacks in such a way as to be easily read when the package is standing on its bottom. Not less than five tacks shall be driven through each stamp, one at each corner and one in the middle of the stamp.

The stamp having been affixed, it must be immediately canceled. For this purpose the inspector will use a stencil plate of brass or copper, in which will be cut

five parallel waved lines long enough to extend beyond each side of the stamp on the wood of the package. At the top of said stencil will be cut the name of the inspector and at the bottom of said stencil will be cut the district in which inspection is made. The imprinting from this plate must be with blacking or other durable material over and across the stamp, and in such a manner as not to deface the reading matter on the stamp; that is, so as not to daub and make it illegible. The stamp having been affixed and canceled, it must immediately be covered with a coating of transparent varnish or other substance. Orders for stamps must be made by the inspector on the chief of the Bureau of Animal Industry.

(11) Whenever any package of meat products bearing the stamp of inspection shall have been opened and its contents removed for sale the stamp on said package must be effaced and obliterated from the package.

(12) Reports of the work of inspection carried on in every establishment will be forwarded to the Department by the inspector in charge, on such blank forms and in such manner as will be specified in "instructions to inspectors of slaughtering establishments."

#### SWINE.

(13) The inspection of swine for export or interstate trade will be conducted in the same manner as prescribed in the foregoing rules, with the addition, however, that a microscopic examination for trichinæ will be required for all swine products.

(14) When the slaughtered hog is passed into the cooling-room of said establishment, the veterinary inspector in charge, or his assistants, will take from each hog two samples of muscle, one from the "pillar of the diaphragm" and the other from another part of the body, and said samples will be put in a self-locking tin box and a numbered tag will be placed upon the hog from which said samples have been taken and a duplicate number of said tag will be placed in the box with said samples. The boxes containing the samples from the hogs in the cooling-room, so tagged, will be taken to the microscopist for such establishment, who shall thereupon make a microscopic examination of each box containing samples, and shall furnish a written report to the inspector in charge of the cooling-room, giving the result of said microscopic examination, together with the numbers of the hogs from which samples have been examined.

(15) All hogs reported by the microscopist to the inspector in charge of the cooling-room to be affected with trichinæ will at once be removed from said cooling-room of said establishment under the supervision of said inspector or one of his deputies, and be disposed of by the owner in such manner as may be required by the laws of the State where said factory is situated.

(16) The inspector in charge of the slaughtering or other establishment will issue a certificate of inspection for all carcasses of animals or the food products thereof which are to be exported into foreign countries, which certificate will cite the number of the factory, the name of the owner or owners operating the same, the date of inspection, and the name of the consignee and country to which said articles are to be exported. Said certificate will also contain the numbers of the stamps attached to the articles to be exported. One certificate only will be issued for each consignment. The certificates will be issued in serial numbers and in triplicate form. One copy thereof will be delivered to the consignor of such shipment, one copy will be attached to the invoice or shipping bill to accompany the same and be delivered by the transportation companies to the chief officer of the vessel upon which said consignment is to be transported, and the third copy will be forwarded to the Department of Agriculture for filing therein.

J. M. RUSK,  
*Secretary.*

Meat inspection was instituted under these regulations on May 12, 1891, at the abattoir of Eastman & Co., New York, N. Y., and was confined to the inspection of their export dressed beef. At the beginning of June, 1891, this work was inaugurated in Chicago, and soon thereafter at South Omaha, Nebr.; Kansas City, Mo.; Milwaukee, Wis.; Jersey City, N. J.; and Hammond, Ind. Microscopic examination of hogs was commenced at the abattoirs of Nelson Morris & Co., Armour & Co., and Swift & Co., Chicago, Ill., on June 22, 1891.

Since the commencement of this work to October 31, 1891, 1,587,976 animals have been inspected both before and at the time of slaughter. Of this number, 1,226,675 were cattle, 25,116 calves, 163,835 sheep, and 172,350 hogs. There were 467,918 quarters of dressed beef tagged for export, and 2,818,798 for interstate trade. In addition, 312,683 pack-



ages of canned, salted, and smoked meats were stamped in accordance with the regulations.

The following table shows in detail the work of meat inspection from its commencement to October 31, 1891:

*Meat-inspection work from its commencement May 18, 1891, to October 31, 1891.*

Character of work.	May.	June.	July.	August.	Septem-ber.	Octo-ber.	Total.
Cattle inspected .....	6, 068	77, 823	180, 243	242, 366	338, 081	382, 094	1, 226, 675
Beef quarters tagged for export.....	16, 769	50, 035	99, 783	88, 522	113, 040	99, 769	467, 918
Beef quarters tagged for interstate trade.....		165, 378	499, 586	583, 318	761, 180	809, 336	2, 818, 798
Beef carcasses tagged for other establish-ments .....		15, 050	27, 652	110, 086	101, 165	133, 005	386, 958
Packages of canned meat stamped.....		1, 594	26, 602	45, 096	71, 922	90, 480	235, 754
Packages of salted meat stamped .....		25	861	1, 686	5, 266	21, 180	29, 018
Packages of smoked meat stamped .....		28	768	8, 758	16, 525	21, 832	47, 911
Hogs examined microscopically .....		2, 216	9, 655	14, 650	36, 851	108, 978	172, 350
Packages of salted pork stamped for ex-port.....					248	1, 218	1, 466
Packages of bacon stamped for export .....					329		329
Packages of hams stamped for export .....					104		104
Sheep inspected .....			5, 760	33, 001	54, 564	70, 504	163, 835
Calves inspected .....				5, 233	9, 097	10, 786	25, 116
Export certificates issued.....	9	30	72	79	165	282	637
Total number of animals whose products have been marked for identification.....	6, 068	79, 967	195, 311	294, 708	437, 583	570, 446	1, 584, 083

The workings of this inspection and the carrying out of our regulations were watched with careful scrutiny by the representatives in this country of foreign governments, and the first result of this microscopic examination of hogs was the order made by the German Government on September 3, 1891, removing the prohibition that it had maintained since 1881 against the importation of American pork products. The removal of this prohibition by Germany was followed within a short time by the removal of a similar prohibition by Denmark, and later by Italy, France, and Austria.

The importance of opening the foreign markets once more to an unrestricted importation of American pork products can hardly be over-estimated as affecting the farmers of this country. Prior to the full enforcement by foreign countries of their policy of prohibition our export trade amounted, in 1881, to \$69,000,000 in pork products, excepting lard, which product has never been restricted. In 1891 we exported \$50,494,375 in pork products, excepting lard, showing a difference and loss of \$18,505,625 between the exports of 1881 and 1891. The exports during the whole period of prohibition averaged about \$43,000,000 per annum, and the removal of these foreign restrictions should therefore give a market that will increase our export trade in these products at least \$26,000,000 a year.

#### COST OF THE WORK.

It is exceedingly difficult to estimate the cost of the new branches of work undertaken by the Bureau of Animal Industry during the past year. This difficulty is increased by the fact that the amount of work done each month and the cost of the same fluctuate with the demands of commerce for our cattle and their products.

The work of inspection of export animals, provided for by the act of Congress of August 30, 1890, has now been in operation for about twelve months. The average cost of this character of work during this period has been at the rate of \$8,500 per month. During certain

months it has gone as high as \$10,279, and again has fallen as low as \$7,400. As an average, it might be estimated that the cost of export cattle inspection, which covers the work at interior stock yards, tagging, recording, and inspecting at the foreign-animal wharves in Great Britain, would be \$100,000 per annum.

The cost of maintaining the supervision of the movement of Southern cattle was at an average expenditure of \$2,275 per month, or for the ten months during which these regulations are enforced \$22,750.

The inspection of import animals arriving in the United States from Canada amounts to \$775 per month, or \$9,300 per annum.

The work of meat inspection has only been fairly in operation since the commencement of the present fiscal year. The cost of the inspection of animals in this work during the month of July, which includes the examinations at time of slaughter, the tagging of quarters of dressed beef going into the export and interstate trade, and the stamping of packages of canned and salted beef and pork products, amounted to 5.7 cents per head for each animal inspected, or a total for 195,664 animals in the month of July of \$11,160.71. This cost per head was reduced in the month of August to 4 $\frac{3}{4}$  cents per head, being a total number of 295,250 animals inspected, at a cost of \$13,981.39. A still further reduction in the cost of this work was accomplished during the month of September, when 438,593 animals were inspected at a cost of \$14,200, an average of 3 $\frac{1}{4}$  cents per head. During the month of October the total cost of inspection was \$16,392.28. The number of animals inspected was 572,489, making the average cost of inspection 2.86 cents per animal. It seems probable that the inspection of animals and their marking for identification may be accomplished for a sum not exceeding 3 cents per head.

These figures, however, do not include the cost of microscopic inspection of hogs. This latter branch of the work has not been in operation long enough to be properly estimated for. At the commencement of the work it was necessary to educate examiners in the performance of their duties, and some little time was required for their becoming proficient and rapid in their examinations. Another difficulty that has been met with is the fact that several abattoirs which are being supplied with this character of inspection do not keep our examiners supplied with the quota of samples designated in their applications for this inspection. The cost of microscopic inspection during the month of July amounted to 20 $\frac{1}{2}$  cents per hog; during August it was 13 $\frac{1}{2}$  cents per hog; during September, 8 $\frac{3}{4}$  cents; and during October, 5 $\frac{1}{2}$  cents. The number of samples which each examiner should examine in this work is about 50 per day, and taking this number as the average the cost of the inspection would be about 5 $\frac{1}{2}$  cents per animal. It is thought, therefore, that the inspection work undertaken by this Department, under the direction of Congress, can be made at 3 cents per head for cattle and 5 $\frac{1}{2}$  cents per head for hogs.

The demand for this inspection by the various packing and slaughtering establishments throughout the country is on the increase. Twenty-two establishments are now having their products inspected, and there are a number of other applicants whose requests have not been complied with owing to the fact that the appropriation for the Bureau is not sufficiently large to be drawn upon further for this branch of work. I would most earnestly recommend that Congress be asked to make an appropriation for this work sufficiently large to enable this inspection to be extended to all applicants. It may be suggested that this branch of work was not considered by Congress at its last session,



in making appropriations for the Bureau of Animal Industry, as the bill providing for the work was not passed until the closing days of Congress. The benefits which have already accrued by the opening up of the foreign markets to our pork products, the increased demand for beef products, and the reestablishment of their reputation for wholesomeness and soundness in the markets of the world, together with the protection which inspection gives to our own consumers, justify Congress in providing such an appropriation.

It may be stated in this connection that during the past three or four years considerable agitation has taken place in a number of States relative to the character of animals slaughtered for the interstate trade in dressed beef at the large central abattoirs of the country, and that State legislation was enacted as a police regulation of certain States in order to guarantee to consumers the wholesomeness of the food which was sold for their consumption. This legislation by several States was declared by the Supreme Court of the United States to be invalid, since it was a measure affecting interstate commerce, and belonged exclusively to the General Government of the United States. It is plain, therefore, that the only protection from unwholesome or diseased meat which the citizens in the greater part of the United States can obtain in the present condition of the meat trade must come from the national inspection service. The extension of the inspection and the thorough enforcement of the regulations are consequently matters which interest not only that portion of our people engaged in agricultural pursuits, but to an almost equal degree every citizen of this country.

#### DIVISION OF ANIMAL PATHOLOGY.

The Division of Animal Pathology, as at present organized, includes all scientific investigations in regard to the nature, prevention, and treatment of animal diseases.

During the summer considerable time had to be spent in fitting up the new laboratory provided for by the last Congress, and in transferring apparatus to it. Though experimental work was not stopped at any time, it was more or less interfered with during July and the early part of August. The new quarters are superior to the old in every particular, and the Bureau is now for the first time provided with all the apparatus and modern appliances which are required for this class of investigations.

The studies of Texas fever have been continued during the summer. The results of the experiments confirm the conclusions of 1890, throwing new light upon the nature of the disease, and strengthening the hope that its means of transmission will soon be fully understood and the best preventive measures determined.

The work on swine diseases has occupied the attention of the Division throughout the year. A special report on swine plague was prepared with great care, which gives in detail the work done by the Bureau since 1886 in different parts of the country.

Inoculation as a means of preventing the diseases of animals, the different forms of pneumonia in cattle, and tuberculosis are among the subjects which have been carefully studied.

The investigation of animal parasites is being actively prosecuted with reference to our domesticated animals. These parasites are responsible for a large amount of harm, which is becoming more apparent by patient research. The material for a report on the animal parasites of cattle is now being collected.

Other diseases are being investigated as time and opportunity offer, and much valuable work is being done in determining the essential cause of various animal plagues. The results of all the investigations will be published in detail in the reports of the Bureau or in special bulletins.

#### DIVISION OF FIELD INVESTIGATIONS AND MISCELLANEOUS WORK.

A corps of inspectors is constantly employed in making investigations as to the character, etc., of reported outbreaks of contagious diseases in various States. As an example of the necessity and importance of such work it may be stated that foot-and-mouth disease has recently been reported as existing in the west, and that this report was cabled to Europe, leading to demands there for the entire prohibition of our live-cattle trade. Upon careful investigation, however, it was demonstrated that the disease in question was not contagious nor communicable, even by direct inoculation, but was due entirely to local causes, and the official statement of this conclusion has been sufficient to quiet alarm and prevent adverse action by foreign countries. There has been less disease of all kinds than formerly among our animals, and happily many of the contagious diseases common or occasional in other countries do not exist at all with us.

This division also maintains a corps of correspondents, the object being to have one or more in every county of the United States, from whom information is collected as to the condition of live stock, the diseases from which this industry suffers, and the various conditions in regard to which the farmers need additional knowledge. This enables the Bureau to keep in touch with the stock-raisers, and encourages them to correspond with it in those cases where it can be of service to them. The division is therefore to some extent a bureau of information, and as such is growing in usefulness as its methods are perfected and as its employes become more familiar with the wants of the people who apply to it.

This division is also charged with a supervision of the expenditures and accounts of the whole Bureau, a service which is absolutely necessary because of the great extension of the work and the large numbers of employes stationed in various parts of the country.

#### QUARANTINE DIVISION.

Stations securely inclosed and provided with suitable sheds, yards, and conveniences for the care of stock have been maintained for the ports of Boston, New York, and Baltimore. Cattle brought to these ports have been quarantined for a period of ninety days from the date of arrival at the station. Although the number of cattle imported during the year has not been large, the quarantining of them has been a necessary precaution to prevent the possible introduction of contagious diseases from foreign countries. The large expenditures which have been made by this country to exterminate such diseases from its borders have made this precaution of special importance to prevent the possibility of the reinfection of the United States.

In addition to the quarantine of cattle, a quarantine of fifteen days has been required upon all sheep and swine brought into the United States at these ports. The number of pure-bred sheep imported has been largely increased over that of other years, which also makes this



precaution of detention under veterinary inspection especially important and desirable. When the demand for pure-bred animals is in excess of the supply, the tendency of those engaged in the business is to exercise less care to select only healthy animals and guard them against exposure to disease. The importation then becomes purely a business enterprise in which many speculators engage with a manifest desire to curtail expense without especial regard to the ultimate loss which might result to buyers. The need for careful inspection under Government control is, then, more apparent. No important cases of disease have developed in any one of the quarantine stations, and the vigilance of the officers of this Department has not been relinquished. The uniformly healthy condition of our flocks and herds in America make it imperative that a strict oversight should be placed over all animals brought from foreign countries, to prevent the introduction of such exotic maladies as would lead to heavy losses or possibly ruin an important industry.

#### PUBLICATIONS.

I take pleasure in calling attention to the great value of, and unprecedented demand for, the "Special Report on Diseases of the Horse," written by the most eminent veterinarians of this country, and issued as one of the publications of this Bureau. If we may judge by the character of letters received commending this work, it is within bounds to say that it is one of the most useful publications ever issued by the Government, and that it is worth to the people of the country the entire sum appropriated to the Department of Agriculture for the year. A similar work will soon be issued on diseases of cattle, which it is expected will be of equal value.

The demand for the "Special Report on the Animal Parasites of Sheep" has continued during the year, and has only been exceeded by that for the Report on Diseases of the Horse. The preparation of the two volumes just mentioned was, to some extent, a variation from the precedents established in the Department of Agriculture. It was an endeavor to go beyond the monograph and give the farmer a book of reference on a more extended subject. The unusual success of both publications shows that there is a popular demand for information in this form, and that the monographs alone are not sufficient to supply all the needs of our farmers.

There is undoubtedly a field for both classes of publications. The monograph is the best form in which to present new information and the results of original scientific investigations. It is necessary in order to keep the agriculturists abreast with the times. But every farmer must have a wider range of knowledge at his disposal than he can obtain in the form of monographs; and he must have this knowledge classified and condensed if he is to obtain the full benefit of it. It is to supply this want that the volumes of a more general nature are now being issued. The monographs, however, will be continued as the proper form in which to convey new information on each individual topic, and their substance will eventually be incorporated in revised editions of the more comprehensive volumes. The sixth and seventh annual reports of the Bureau are comprised in one volume and are now going to the press, being published by special authority of Congress. A special report on sheep husbandry, prepared with much care, is nearly ready for the printer. A monograph on swine plague has recently been issued, and one on southern cattle fever, better known popularly as Texas fever, is nearly ready for the press. These two monographs contain the investigations of the

division of animal pathology on these subjects—investigations which are so important and comprehensive as to revolutionize previously accepted views in regard to the nature of these two diseases.

The material for other equally important reports is being rapidly accumulated. There is a large field of information bearing upon various branches of the animal industry, which has heretofore been neglected for the most part in this country, and as a result there is more dissatisfaction and depression in this industry than is justified by the condition of the various markets. It is a period of sharp competition in the markets in this country and of the world, and those farmers can only reach the highest degree of success who are able to avail themselves of all the knowledge bearing upon their business, and particularly of the latest results of scientific investigations.

Accompanying this statement will be found a list of persons employed and tables giving the expenditures of the year in detail.

*EXPENDITURES DURING THE FISCAL YEAR ENDING JUNE 30, 1891,  
AND A LIST OF EMPLOYÉS FOR THE SAME PERIOD.*

*List of employés during the fiscal year ending June 30, 1891.*

[\* Promotion. † Traveling expenses.]

Name.	Capacity.	Date of appointment.	Services ended.	Compensation.	
				Per diem.	Per annum.
Washington.					
D. E. Salmon	Chief of Bureau	May 31, 1884			\$3, 000
Edward B. Jones	Clerk of Bureau	Jan. 1, 1889*			1, 500
William Dickson	Assistant chief	Mar. 24, 1891	May 12, 1891		2, 500
Ch. B. Michener	do	May 28, 1891 <sup>1</sup>			2, 500
William J. Cowing	Chief clerk	Nov. 15, 1889*			2, 000
A. M. Farrington	Chief Division Field Investi- gations, etc.	Oct. 8, 1887			2, 250
Robert S. Forbes	Chief of Inspection Division	Jan. 1, 1889*			1, 800
Do		Apr. 1, 1891			2, 000
Miles Fuller	Assistant in Bureau	July 1, 1889*			1, 800
Geo. A. Martin	Editorial clerk	July 12, 1890			1, 800
Daniel G. Hatch	Assistant in Bureau	Nov. 13, 1890 <sup>2</sup>			1, 500
Do		Apr. 1, 1891			1, 600
Israel W. Stone	Assistant in Bureau	June 1, 1889	July 13, 1890		1, 600
Talma Drew	Stenographer	May 1, 1890	do		1, 400
Mary Sullivan	Assistant in Bureau	July 1, 1890*			1, 400
Wm. P. Spurgeon	Private secretary	Jan. 1, 1890			1, 200
Do		Sept. 1, 1890			1, 400
T. H. Netherland	Stenographer	May 1, 1891			1, 400
Wm. B. Cravath	Stenographer and typewriter	July 1, 1890*			1, 200
Chas. P. Salisbury	Clerk	Apr. 15, 1891			1, 200
James C. Hoce	Stenographer and typewriter	Nov. 13, 1890			1, 200
Mary T. Dent	Assistant in Bureau	July 1, 1889*			1, 000
Mary G. Marshall	do	Jan. 1, 1890*			1, 000
Andrew J. Olin	Clerk and typewriter	Mar. 23, 1891			1, 000
Edward Story	Messenger	July 1, 1889	July 15, 1890 <sup>2</sup>		840
Wilson Carey	do	Apr. 20, 1889			720
Melville Reed	do	Oct. 11, 1890			480
Do		Apr. 13, 1891			600
D. L. McDevitt	Laborer	Oct. 1, 1890			600
Amy Rand	do	Apr. 16, 1891		\$1. 50	
B. Z. Wade	do	June 5, 1891		1. 50	
Theobald Smith	Chief Division Animal Pa- thology.	July 1, 1890*			2, 250
E. A. v. Schweinitz	Chemist	Jan. 1, 1890			1, 600
Do		Jan. 1, 1891			1, 800
Cooper Curtice	Assistant in laboratory	Nov. 15, 1889*	May 31, 1891		1, 800

<sup>1</sup> Transferred from New York.

<sup>2</sup> Transferred to stock yards.



*List of employes during the fiscal year ending June 30, 1891—Continued.*

[\*Promotion. †Traveling expenses.]

Name.	Capacity.	Date of appointment.	Services ended.	Compensation.	
				Per diem.	Per annum.
Washington—Cont'd.					
V. A. Moore .....	Assistant in laboratory .....	Jan. 1, 1890*	.....	.....	\$1, 400
E. C. Schroeder .....	do.....	do. <sup>1</sup> .....	.....	.....	1, 200
Albert Hassall .....	do.....	Apr. 1, 1891 <sup>2</sup> .....	.....	.....	1, 200
C. W. Stiles .....	do.....	June 3, 1891 .....	.....	.....	1, 400
Wm. S. D. Haines .....	Draftsman .....	Aug. 1, 1889*	July 13, 1890 .....	.....	1, 200
Mary N. Barnard .....	Assistant in laboratory .....	July 1, 1890*	.....	.....	1, 000
Wm. Alexander .....	Messenger in laboratory .....	Feb. 15, 1890*	.....	.....	840
W. C. Shimoneck .....	Laborer in laboratory .....	Apr. 7, 1890 .....	.....	.....	660
James R. Stewart .....	do.....	Feb. 10, 1890 .....	.....	.....	600
Do.....	.....	Jan. 1, 1891 .....	.....	.....	660
Julienne Somerville .....	Laborer in laboratory .....	Oct. 15, 1889 .....	.....	.....	660
John Meany .....	do.....	May 1, 1890 .....	.....	\$2. 00 .....	.....
Luke Jamieson .....	do.....	Dec. 20, 1890 .....	.....	<sup>3</sup> 50. 00 .....	.....
F. L. Kilborne, .....	Supt. experiment station .....	Feb. 1, 1889*	.....	.....	1, 800
Wm. H. Bradford .....	Laborer experiment station .....	Oct. 5, 1889 .....	.....	.....	720
Do.....	do.....	Feb. 1, 1891 .....	.....	.....	840
C. S. Meyers .....	do.....	Aug. 1, 1889*	.....	.....	660
Do.....	do.....	Feb. 1, 1891 .....	.....	.....	720
Alfred Burnett .....	do.....	May —, 1890 .....	.....	1, 50 .....	.....

#### AGENTS AND SPECIAL EMPLOYÉS.

Watson Pickrell .....	Agent .....	Apr. 1, 1889 .....	.....	†\$10. 00 .....	.....
W. Judson Smith .....	do .....	June 11, 1889 .....	.....	†10. 00 .....	.....
John T. Armstrong .....	Stock correspondent .....	Nov. 15, 1889 .....	Aug. 21, 1890 .....	.....	†\$1, 200
S. W. Campbell .....	do .....	Apr. 26, 1889 .....	Mar. 23, 1891 <sup>4</sup> .....	.....	†1, 600
E. A. Carman .....	do .....	Apr. 18, 1890 .....	July 31, 1890 .....	.....	1, 600
Jas. A. Dodge .....	do .....	Oct. 15, 1890 .....	.....	.....	†1, 400
H. A. Heath .....	do .....	Oct. 15, 1889 .....	.....	.....	†1, 600
Henry J. Harwi .....	do .....	July 10, 1890 .....	.....	.....	1, 400
John Minto .....	do .....	Feb. 26, 1891 .....	.....	.....	†1, 400
John T. McNeely .....	do .....	July 1, 1889 .....	.....	.....	†1, 600
H. Romaine .....	do .....	do .....	.....	.....	†1, 600
A. G. Asdikian .....	Special agent .....	May 29, 1890 .....	.....	.....	1, 200
W. L. Williams .....	Veterinary inspector .....	Nov. 1, 1890 .....	Mar. 31, 1891 .....	.....	†1, 200
F. E. Parsons .....	do .....	Jan. 1, 1891 <sup>5</sup> .....	.....	.....	†1, 400
Do .....	do .....	Feb. 1, 1891 .....	.....	.....	†1, 600
Wm. Folsetter .....	do .....	Oct. 21, 1890 .....	Nov. 11, 1890 .....	†8. 00 .....	.....

#### IMPORT CATTLE INSPECTION.

John A. Bell .....	Veterinary inspector .....	Nov. 1, 1890 .....	.....	.....	†\$1, 400
W. H. Cooper .....	do .....	Mar. 9, 1891 <sup>6</sup> .....	May 1, 1891 <sup>7</sup> .....	.....	†1, 400
John T. Claris .....	do .....	Nov. 13, 1890 .....	.....	.....	†1, 800
David Cumming .....	do .....	Mar. 26, 1891 .....	.....	.....	.....
Joseph Hawkins .....	do .....	Nov. 1, 1890 .....	.....	.....	.....
John E. Miller .....	do .....	do .....	Apr. 11, 1891 <sup>8</sup> .....	.....	.....
Frank H. Miller .....	do .....	do .....	.....	.....	.....
F. E. Parsons .....	do .....	Nov. 13, 1890 .....	Jan. 1, 1891 <sup>9</sup> .....	.....	.....
F. L. Russell .....	do .....	Jan. 8, 1891 .....	.....	.....	.....
Daniel B. Sayre .....	do .....	Nov. 18, 1890 .....	Apr. 11, 1891 <sup>8</sup> .....	.....	.....
G. W. Ward .....	do .....	Mar. 9, 1891 .....	.....	.....	.....

<sup>1</sup> Transferred from Maryland.

<sup>2</sup> Transferred from Baltimore.

<sup>3</sup> Per month.

<sup>4</sup> Transferred to stock yards.

<sup>5</sup> Transferred from import.

<sup>6</sup> Transferred from New Jersey.

<sup>7</sup> Transferred to New Jersey.

<sup>8</sup> Transferred to meat inspection.

<sup>9</sup> Transferred to special work.

*List of employes during the fiscal year ending June 30, 1891—Continued.*

PLEURO-PNEUMONIA WORK.

[\* Promotion. †Traveling expenses.]

Name.	Capacity.	Date of appointment.	Services ended.	Compensation.	
				Per diem.	Per annum.
<i>New York.</i>					
A. K. Robertson	Chief inspector	July 1, 1889*		†\$12.00	
Henry B. Ambler	Veterinary inspector	Aug. 1, 1889		†8.00	
Roscoe R. Bell	do	Oct. 20, 1888			†\$1,600
Henry Brister	do	July 1, 1890*			†1,200
Do.	do	Jan. 1, 1891	Nov. 8, 1890 <sup>1</sup>		†1,400
H. D. Gill	do	Nov. 1, 1889 <sup>2</sup>			†1,600
R. W. Hickman	do	Feb. 1, 1890*	Oct. 25, 1890 <sup>1</sup>		†2,000
Richard Kay	do	do.*			†1,800
Ch. B. Michener	do	June 24, 1887	Nov. 1, 1890 <sup>3</sup>	†8.00	
N. H. Paaren	do	Nov. 24, 1886		†8.00	
Chas. H. Perry	do	June 1, 1889			†1,400
Do.	do	July 15, 1890			†1,600
W. H. Pendry	do	Jan. 1, 1890			†1,400
Do.	do	Jan. 1, 1891			†1,600
Henry S. Vanderhoff	do	Dec. 27, 1887			†1,600
Geo. G. Van Mater	do	June 1, 1889	Aug. 9, 1890		†1,400
Jas. A. Walrath	do	Aug. 1, 1888*			†2,000
Edward Devoe	Clerk	Feb. 1, 1890*			1,800
Jas. B. Docharty	do	do.*	Mar. 31, 1891		1,500
Daniel G. Hatch	do	do.*	Nov. 13, 1890 <sup>4</sup>		1,500
J. F. Kilner	do	Aug. 5, 1889			1,000
Do.	do	Aug. 1, 1890			1,200
Chas. A. Wilcox	do	July 1, 1890*			†1,200
Adolph Bevers	do	Apr. 16, 1888			†1,000
Leon E. Block	Assistant inspector	Aug. 1, 1889	July 9, 1890		†1,000
Do.	Clerk	Aug. 1, 1890			1,000
Chas. A. Forshew	do	May 20, 1889	Nov. 8, 1890 <sup>3</sup>		1,000
Jos. J. Hearne	do	Dec. 23, 1887			1,000
Jos. Hanner, jr	do	Apr. 1, 1891			1,000
John J. Rabineau	do	Feb. 1, 1890			1,000
Wm. H. Bogart	Assistant inspector	Aug. 1, 1889	Nov. 22, 1890 <sup>3</sup>		†1,000
Chester H. Bliss	do	Oct. 15, 1889			†1,000
Gustav L. Cohn	do	Jan. 1, 1890*			†1,000
Austin Cornwell	do	Aug. 1, 1889			†1,000
George Cornish	do	Dec. 1, 1889	Nov. 8, 1890 <sup>3</sup>		†1,000
Alex. Devlin, jr.	do	July 6, 1888	Apr. 1, 1891		†1,000
John H. Eadie	do	Aug. 1, 1889			†1,000
Wm. Foley	do	Mar. 15, 1890	Nov. 8, 1890 <sup>3</sup>		†1,000
E. H. Flavin	do	Oct. 15, 1889			†1,000
Chas. E. Grogan	do	do			†1,000
Wm. W. Hughes	do	Aug. 1, 1889	June 30, 1891		†1,000
Frank Hallenbeck	do	Dec. 1, 1889			†1,000
Hiram Jerome	do	Oct. 15, 1889	Nov. 8, 1890 <sup>3</sup>		†1,000
Samuel Jarvis	do	Mar. 15, 1890			†1,000
John Mesick	do	Aug. 5, 1889			†1,000
Fredk. Metzger	do	Jan. 1, 1890	June 30, 1891		†1,000
Benj. B. Mullen	do	June 10, 1890	June 5, 1891 <sup>5</sup>		†1,000
Michael Nau	do	Aug. 1, 1889	June 30, 1891		†1,000
John W. S. Ortiz	do	July 10, 1890			†1,000
F. H. Pendleton	do	Oct. 15, 1889	June 30, 1891		†1,000
James Smith	do	May 20, 1889			†1,000
J. S. Sargent	do	Oct. 15, 1889			†1,000
Wm. J. Taylor	do	Aug. 1, 1889			†1,000
Jas. R. Taylor	do	Dec. 1, 1889			†1,000
O. P. Vandenberg	do	May 20, 1889	Nov. 13, 1890 <sup>3</sup>		†1,000
P. C. Vandewater	do	Aug. 1, 1889			†1,000
Elwood Valentine	do	Oct. 15, 1889			†1,000
S. T. Velsor	do	Dec. 1, 1889			†1,000
C. S. Vosburgh	do	Jan. 15, 1890			†1,000
James Welch	do	Dec. 1, 1889	Nov. 24, 1890 <sup>3</sup>		†1,000
James H. Clark	Appraiser	Jan. 1, 1890			†1,200
Joseph H. Storm	do	Aug. 1, 1889			†1,200
Wm. J. Watt	Superintendent disinfectors	Jan. 18, 1888*		5.00	
Thomas Coyle	Foreman disinfectors	Jan. 15, 1888*	Nov. 8, 1890 <sup>3</sup>		1,000
David Holland	do	July, 1890	July, 1890	3.25	
W. Y. Robertson	Teamster with team	do	Oct., 1890	5.00	
Wm. Gordon	do	do	July, 1890	5.00	
C. Dirlam	do	Jan., 1891	June, 1891	5.00	

<sup>1</sup> Transferred to export inspection.

<sup>2</sup> Transferred from New Jersey.

<sup>3</sup> Transferred to export.

<sup>4</sup> Transferred to Washington.

<sup>5</sup> Transferred to meat inspection.

List of employes during the fiscal year ending June 30, 1891—Continued.

## PLEURO-PNEUMONIA WORK—Continued.

[\*Promotion. †Traveling expenses.]

Name.	Capacity.	Date of appointment.	Services ended.	Compensation.	
				Per diem.	Per annum.
New York—Continued.					
Wm. Tucker.....	Carpenter.....	July, 1890	Oct., 1890	\$3.50	.....
James Russell.....	Laborer employed temporarily as disinfecter and patrolman.	do	Dec., 1890	2.25	.....
Daniel Burke.....	do.....	do	July, 1890	2.25	.....
Joseph Jarvis.....	do.....	do	Dec., 1890	2.25	.....
James Connors.....	do.....	do	June, 1891	2.25	.....
Henry Schute.....	do.....	do	do	2.25	.....
Robert Mott.....	do.....	do	do	2.25	.....
O. W. Green.....	do.....	do	do	2.25	.....
Theo. Jennings.....	do.....	do	Oct., 1890	2.25	.....
Peter Kildary.....	do.....	do	do	2.25	.....
Matthew Smith.....	do.....	do	do	2.25	.....
Joseph Conklin.....	do.....	do	July, 1890	2.25	.....
John Meredith.....	do.....	do	do	2.25	.....
George Brush.....	do.....	do	do	2.25	.....
John Kildary.....	do.....	do	Oct., 1890	2.25	.....
James Flannery.....	do.....	do	Dec., 1890	2.25	.....
Frank Gilmore.....	do.....	do	Oct., 1890	2.25	.....
Charles Burns.....	do.....	do	June, 1891	2.25	.....
Joseph Hanner, jr.....	do.....	Aug., 1890	Mar., 1891	2.25	.....
Wm. Gordon.....	do.....	do	June, 1891	2.25	.....
Jos. H. Loomis.....	do.....	Sept., 1890	do	2.25	.....
W. H. Guischard.....	do.....	Feb., 1891	do	2.25	.....
Balzar Eichler.....	do.....	May, 1891	do	2.25	.....
New Jersey.					
J. W. Hawk.....	Chief inspector.....	Apr. 16, 1889			†\$2,000
W. W. Curry.....	Veterinary inspector.....	Mar. 10, 1888			†1,400
W. H. Cooper.....	do.....	May 1, 1889	Mar. 9, 1891 <sup>1</sup>		†1,400
Do.....	do.....	May 1, 1891 <sup>2</sup>	June 15, 1891 <sup>3</sup>		†1,400
Julius Huelsen.....	do.....	Mar. 10, 1888	June 3, 1891 <sup>3</sup>		†1,400
R. R. Letts.....	do.....	Oct. 15, 1889			†1,200
Wm. B. E. Miller.....	do.....	May 1, 1889 <sup>*</sup>	Nov. 1, 1890 <sup>4</sup>		†1,600
H. W. Rowland.....	do.....	Mar. 7, 1887			†1,400
Werner Runge.....	do.....	June 15, 1889 <sup>*</sup>			†1,400
W. A. Willard.....	Clerk.....	May 20, 1889 <sup>5</sup>	June 3, 1891 <sup>3</sup>		†1,400
W. L. Ferguson.....	do.....	June 15, 1889			1,000
Floy McEwen.....	do.....	Jan. 1, 1890			1,000
C. D. Noonan.....	do.....	Apr. 26, 1888	June 30, 1891		840
Fred'k Bluem.....	Assistant inspector.....	May 10, 1889			†1,000
John Briggs.....	do.....	Mar. 1, 1890			†1,000
James Cassey.....	do.....	May 10, 1889			†1,000
Thos. Crozer.....	do.....	June 15, 1889			†1,000
Melvin Doremus.....	do.....	May 6, 1889			†1,000
David R. Hobart.....	do.....	July 1, 1889	June 30, 1891		†1,000
Simon Kelly.....	do.....	Feb. 6, 1888			†1,000
Ira C. Kilburn.....	do.....	May 6, 1889			†1,000
Joseph Locke.....	do.....	do			†1,000
R. H. Moore.....	do.....	Dec. 1, 1889			†1,000
J. H. Phelan.....	do.....	May 6, 1889	June 30, 1891		†1,000
Daniel F. Shea.....	do.....	Dec. 1, 1889	do		†1,000
Geo. C. Toffey.....	do.....	May 6, 1889	do		†1,000
B. S. Watson.....	do.....	June 15, 1889			†1,000
Mo. Conklin.....	Superintendent of disinfectors.....	Dec. 1, 1889	June 30, 1891		†1,000
Geo. Fick.....	Teamster with team.....	Sept., 1890	Nov., 1890	5.00	.....
Wm. Holcomb.....	Laborers temporarily employed to disinfect stables.	July, 1890	June, 1891	2.25	.....
Fred'k Bluem, jr.....	do.....	Sept., 1890	Nov., 1890	2.25	.....
John W. Cook.....	do.....	do	do	2.25	.....
Thomas Shea.....	do.....	do	Oct., 1890	2.25	.....
O. Nixon.....	do.....	do	Nov., 1890	2.25	.....
Jas. R. Conklin.....	do.....	do	do	2.25	.....
John Hayes.....	do.....	do	do	2.25	.....
C. Kobel.....	do.....	do	do	2.25	.....
Joe Leonard.....	do.....	do	do	2.25	.....
Louis Strothman.....	do.....	do	do	2.25	.....
Wm. Cullen.....	do.....	do	do	2.25	.....

<sup>1</sup> Transferred to import.<sup>2</sup> Transferred from import.<sup>3</sup> Transferred to meat inspection.<sup>4</sup> Transferred to export.<sup>5</sup> Transferred from New York.



# 30 OPERATIONS OF THE BUREAU OF ANIMAL INDUSTRY.

*List of employes during the fiscal year ending June 30, 1891—Continued.*

## PLEURO-PNEUMONIA WORK—Continued.

[\*Promotion. †Traveling expenses.]

Name.	Capacity.	Date of appointment.	Services ended.	Compensation.	
				Per diem.	Per annum
<i>Pennsylvania.</i>					
Wm. H. Rose .....	Veterinary inspector .....	Aug. 15, 1885*	Nov. 1, 1890 <sup>1</sup>	†\$8.00	.....
George Carter .....	Assistant inspector .....	Apr. 10, 1888	.....do. <sup>1</sup>		†\$1,000
Edwin S. Huff .....	do .....	Feb. 1, 1890	.....do. <sup>1</sup>		1,000
<i>Maryland.</i>					
Geo. C. Faville .....	Chief inspector .....	Apr. 1, 1888*	Nov. 1, 1890 <sup>1</sup>	†10.00	.....
Wm. H. Wray .....	Veterinary inspector .....	Apr. 18, 1888	July 17, 1890 <sup>4</sup>	†8.00	.....
A. W. Clement .....	do .....	Dec. 1, 1887	Nov. 1, 1890 <sup>1</sup>		†2,000
Jas. F. Ryder .....	do .....	Apr. 17, 1888	July 18, 1890 <sup>4</sup>		†1,600
Isaac L. Ball .....	Clerk .....	July 2, 1888	Nov. 1, 1890 <sup>1</sup>		1,000

## STOCK YARDS AND EXPORT CATTLE INSPECTION.

<i>Chicago.</i>					
R. W. Hickman .....	Veterinary inspector .....	Oct. 25, 1890 <sup>2</sup>			†\$2,000
Do .....	do .....	Apr. 1, 1891		†\$8.00	
A. D. Melvin .....	do .....	Apr. 15, 1890 <sup>3</sup>	July 21, 1890 <sup>4</sup>		†2,000
B. A. Pierce .....	do .....	Apr. 13, 1891			1,600
Saml. W. Campbell .....	Assistant inspector .....	Mar. 23, 1891 <sup>5</sup>			†1,600
Daniel Gano .....	Inspector .....	Nov. 1, 1890	Mar. 1, 1891 <sup>6</sup>	†6.00	
Jas. E. Drom .....	Assistant inspector .....	Nov. 10, 1890	do. <sup>6</sup>		1,200
Saml. H. Pierce .....	do .....	July 19, 1889			†1,400
Do .....	do .....	Aug. 15, 1890			†1,600
Wm. H. Bogart .....	Clerk .....	Nov. 22, 1890 <sup>2</sup>			1,000
H. F. Salkeld .....	do .....	Jan. 1, 1891			1,000
Fenno E. Smith .....	Assistant inspector .....	Nov. 18, 1890		2.50	
Do .....	Clerk .....	Dec. 1, 1890	Dec. 29, 1890		1,000
S. H. Tourtelotte .....	Bookkeeper .....	June 22, 1891			1,000
E. B. Luce .....	do .....	June 20, 1891			900
Clark C. Bone .....	Tagger .....	Jan. 1, 1891		2.50	
Barnard Carroll .....	do .....	June 22, 1891			720
Chas. C. Rummel .....	do .....	June 18, 1891			720
C. A. Wales .....	do .....	June 20, 1891			720
Albert F. Andrews .....	do .....	Nov. 22, 1890	Apr. 30, 1891	2.50	
J. F. Clark .....	do .....	Nov. 18, 1890	Feb. 1, 1891	2.50	
William Ewers .....	do .....	Nov. 22, 1890	Dec. 6, 1890	2.50	
John Fitzsimmons .....	do .....	Jan. 1, 1891		2.50	
John Gerdes .....	do .....	Dec. 22, 1890		2.50	
Dighton Granger .....	do .....	Nov. 18, 1890		2.50	
Frank Hegg .....	do .....	Dec. 10, 1890		2.50	
Wm. Harpst .....	do .....	Dec. 15, 1890		2.50	
Matthew Kaas .....	do .....	Dec. 10, 1890		2.50	
Burt R. Law .....	do .....	Nov. 22, 1890		2.50	
D. H. McArthur .....	do .....	Nov. 18, 1890		2.50	
Michael J. Quirk .....	do .....	Nov. 22, 1890		2.50	
H. C. Rossman .....	do .....	Dec. 15, 1890	May 18, 1891	2.50	
Robt. Wills .....	do .....	Jan. 1, 1891		2.50	
J. C. Whitney .....	do .....	Nov. 22, 1890		2.50	
Harry Wheelock .....	do .....	Feb. 2, 1891		2.50	
Alex. Taylor .....	Taggers temporarily employed	Nov., 1890		2.50	
Wm. B. Wills .....	do .....	do		2.50	
E. Zimmerman .....	do .....	Dec., 1890		2.50	
Thos. J. O'Leary .....	do .....	Feb., 1891	May, 1891	2.50	
John Harper .....	do .....	May, 1891		2.50	
Geo. W. Laing .....	do .....	do		2.50	
R. C. Boughton .....	do .....	do		2.50	
Robt. J. Touhy .....	do .....	do		2.50	
C. J. Regan .....	do .....	June, 1891		2.50	
John C. Lorenzen .....	do .....	do		2.50	
Norman R. Adams .....	do .....	do		2.50	
Wm. D. Seeber .....	do .....	do		2.50	
John Richards .....	do .....	do		2.50	
Lew Zublin .....	do .....	do		2.50	
Edward Diehl .....	do .....	do		2.50	

<sup>1</sup> Transferred to export.

<sup>2</sup> Transferred from New York.

<sup>3</sup> Transferred from Maryland.

<sup>4</sup> Transferred to Great Britain.

<sup>5</sup> Transferred from special work.

<sup>6</sup> Transferred to meat inspection.

*List of employes during the fiscal year ending June 30, 1891—Continued.*

## STOCK YARDS AND EXPORT CATTLE INSPECTION—Continued.

[\* Promotion. † Traveling expenses.]

Name.	Capacity.	Date of appointment.	Services ended.	Compensation.	
				Per diem.	Per annum.
<i>Kansas City Division.</i>					
Wm. H. Rose .....	Veterinary inspector.....	Nov. 1, 1890 <sup>1</sup>	May 27, 1891 <sup>2</sup>	†\$8.00	.....
Albert Dean .....	Inspector .....	Apr. 1, 1890	.....	.....	†\$1,800
Joseph Bruser .....	Assistant inspector .....	Dec. 15, 1890	.....	.....	1,400
Chas. E. Collins .....	do .....	Apr. 15, 1890	.....	.....	†1,200
Anderson M. Hunter .....	do .....	do .....	.....	.....	†1,400
Perry Hodgden .....	do .....	Apr. 1, 1891	.....	.....	†1,200
Wm. D. Jordan .....	do .....	Apr. 20, 1891	.....	.....	†1,200
J. C. Lambdin .....	do .....	Apr. 1, 1891	.....	.....	1,200
A. J. McCoy .....	do .....	Apr. 1, 1890	.....	.....	†1,600
Thos. H. Oshel .....	do .....	July 11, 1890	.....	.....	†1,200
Howard Rhodes .....	do .....	Apr. 15, 1890	.....	.....	†1,200
Do .....	do .....	Dec. 1, 1890	.....	.....	†1,600
Wm. S. Wade .....	do .....	Mar. 7, 1891	.....	.....	†1,200
D. M. Ward .....	do .....	Jan. 1, 1891	.....	.....	1,400
<i>Buffalo.</i>					
David Parker .....	Veterinary inspector.....	Dec. 20, 1890	.....	.....	†1,400
Elmer E. Hoover .....	Assistant inspector .....	Aug. 8, 1890	.....	.....	†1,200
O. P. Vandenberg .....	do .....	Nov. 13, 1890 <sup>3</sup>	.....	.....	†1,000
James Welch .....	do .....	Nov. 24, 1890 <sup>3</sup>	.....	.....	†1,000
Guy A. Adams .....	Tagger .....	Nov. 17, 1890	.....	†2.50	.....
T. W. Farthing .....	do .....	do .....	.....	†2.50	.....
John N. Lester .....	do .....	do .....	.....	†2.50	.....
<i>New York.</i>					
Ch. B. Michener .....	Veterinary inspector.....	Nov. 1, 1890 <sup>3</sup>	May 28, 1891 <sup>4</sup>	†8.00	.....
W. H. Rose .....	do .....	May 27, 1891 <sup>5</sup>	.....	†8.00	.....
Thos. H. Ashe .....	do .....	Dec. 15, 1890	.....	.....	†1,400
Henry Brister .....	do .....	Nov. 8, 1890 <sup>3</sup>	.....	.....	†1,200
Do .....	do .....	Jan. 1, 1891	.....	.....	†1,400
Thos. Goulard .....	Inspector .....	Nov. 1, 1890	Mar. 1, 1891 <sup>6</sup>	.....	†2,000
Jos. P. McEnaney .....	Clerk .....	Dec. 20, 1890	.....	.....	1,000
Chas. A. Forshew .....	do .....	Nov. 8, 1890 <sup>3</sup>	Jan. 1, 1891	.....	1,000
George Cornish .....	Assistant inspector .....	do. <sup>3</sup>	.....	.....	†1,000
William Foley .....	do .....	do. <sup>3</sup>	.....	.....	†1,000
Hiram Jerome .....	do .....	do. <sup>3</sup>	.....	.....	†1,000
James Flannery .....	Tagger .....	Dec. 20, 1890	.....	†2.50	.....
Joseph Jarvis .....	do .....	do .....	.....	†2.50	.....
Chas. W. Petty .....	do .....	do .....	.....	†2.50	.....
James Russell .....	do .....	do .....	.....	†2.50	.....
<i>Boston.</i>					
Wm. H. Way .....	Veterinary inspector.....	Nov. 20, 1890	.....	.....	†1,400
Thomas Coyle .....	Assistant inspector .....	Nov. 8, 1890 <sup>3</sup>	.....	.....	†1,000
Eugene R. Hendley .....	Clerk .....	Nov. 8, 1890	.....	.....	†1,000
John W. Hitchings .....	Tagger .....	Nov. 20, 1890	.....	.....	†1,000
L. L. Bullard .....	do .....	Nov. 19, 1890	.....	†2.50	.....
Luther Holten .....	do .....	Nov. 20, 1890	.....	†2.50	.....
Chas. F. Raymond .....	do .....	Nov. 19, 1890	Jan. 31, 1891	†2.50	.....
John Shannon .....	do .....	Feb. 9, 1891	.....	†2.50	.....
<i>Philadelphia.</i>					
Wm. B. E. Miller .....	Veterinary inspector.....	Nov. 1, 1890 <sup>7</sup>	.....	.....	†1,600
George Carter .....	Assistant inspector .....	Nov. 1, 1890 <sup>1</sup>	.....	.....	†1,000
Edwin S. Huff .....	do .....	do. <sup>1</sup>	.....	.....	1,000
James Baird .....	Tagger .....	Dec. 15, 1890	.....	2.50	.....
William Krause .....	do .....	do .....	.....	2.50	.....
Louis Rosenberg .....	do .....	Dec. 24, 1890	.....	2.50	.....
Wm. H. Hendrickson .....	Temporary tagger.....	Feb., 1891	.....	2.50	.....
<i>Baltimore, Norfolk, and Newport News.</i>					
Geo. C. Faville .....	Veterinary inspector .....	Nov. 1, 1890 <sup>8</sup>	.....	†10.00	.....
A. W. Clement .....	do .....	do. <sup>8</sup>	.....	.....	†2,000

<sup>1</sup> Transferred from Pennsylvania.<sup>2</sup> Transferred to New York.<sup>3</sup> Transferred from pleuro-pneumonia work.<sup>4</sup> Transferred to Washington.<sup>5</sup> Transferred from Kansas City.<sup>6</sup> Transferred to meat inspection.<sup>7</sup> Transferred from New Jersey.<sup>8</sup> Transferred from Maryland.

*List of employes during the fiscal year ending June 30, 1891—Continued.*

## • STOCK YARDS AND EXPORT CATTLE INSPECTION—Continued.

[\*Promotion. †Traveling expenses.]

Name.	Capacity.	Date of appointment.	Services ended.	Compensation.	
				Per diem.	Per annum.
<i>Baltimore, Norfolk, and Newport News—Con.</i>					
Albert Hassall .....	Veterinary inspector .....	Mar. 7, 1891	Apr. 1, 1891 <sup>1</sup>	-----	\$1,200
Chas. F. Nesbit .....	Assistant inspector .....	Mar. 3, 1891	-----	-----	†1,000
Isaac L. Ball .....	Clerk .....	Nov. 1, 1890 <sup>2</sup>	-----	-----	1,000
James Boyd .....	Tagger .....	Nov. 10, 1890	-----	\$†2.50	-----
Jas. A. Cunningham .....	do .....	Feb. 16, 1891	-----	†2.50	-----
Robt. Fisher .....	do .....	Nov. 10, 1890	-----	†2.50	-----
David Holland .....	do .....	do	-----	†2.50	-----
<i>Great Britain.</i>					
J. H. Sanders .....	Special agent .....	July 14, 1890	Mar. 10, 1891	†13.50	-----
Wm. H. Wray .....	Veterinary inspector .....	July 17, 1890 <sup>2</sup>	-----	†8.00	-----
Do .....	do .....	Aug. 1, 1890	-----	†10.00	-----
A. D. Melvin .....	do .....	July 21, 1890 <sup>3</sup>	-----	-----	†2,000
James F. Ryder .....	do .....	July 18, 1890 <sup>2</sup>	-----	-----	†1,600
Do .....	do .....	Aug. 1, 1890	-----	-----	†1,800
<i>Miscellaneous.</i>					
T. L. Armstrong .....	Veterinary inspector .....	Apr. 1, 1890 <sup>2</sup>	-----	-----	†1,800
D. R. Alton .....	Assistant inspector .....	July 11, 1890	-----	-----	†1,200
James Irwin .....	do .....	Apr. 1, 1890	-----	-----	†1,200
Do .....	do .....	Aug. 15, 1890	-----	-----	†1,400
E. C. Matheny .....	do .....	June 10, 1891	-----	-----	†1,000
Robt. W. Ardary .....	Veterinary inspector .....	Dec. 26, 1890	-----	-----	†1,400
Wilson F. Braden .....	Assistant inspector .....	Mar. 15, 1890	-----	-----	†1,000
John M. Wardlaw .....	Inspector .....	Feb. 15, 1890	-----	-----	†1,600

## MEAT INSPECTION.

<i>Chicago.</i>					
V. T. Atkinson .....	Veterinary inspector .....	Apr. 1, 1891	-----	-----	†\$2,000
Lewis R. Baker .....	do .....	June 19, 1891	-----	-----	1,600
John E. Miller .....	do .....	Apr. 11, 1891 <sup>4</sup>	-----	-----	†1,200
Daniel B. Sayre .....	do .....	do <sup>1</sup>	-----	-----	†1,400
Thomas W. Watson .....	do .....	June 17, 1891	-----	-----	1,600
Daniel Gano .....	Inspector .....	Mar. 1, 1891 <sup>5</sup>	Apr. 4, 1891	†\$5.00	-----
E. Balzar .....	Microscopist .....	May 25, 1891	-----	-----	1,800
F. M. Bernard .....	do .....	do	-----	-----	1,800
John Michels .....	do .....	do	-----	-----	1,800
James E. Drom .....	Assistant inspector .....	Mar. 1, 1891 <sup>5</sup>	-----	-----	1,200
John B. Sine .....	do .....	Apr. 20, 1891	-----	-----	1,200
William Hill .....	do .....	June 24, 1891	-----	-----	1,000
James Fielding .....	do .....	Apr. 16, 1891	-----	-----	900
John Hatch .....	Foreman .....	June 15, 1891	-----	-----	1,000
W. W. Bingham .....	Tagger .....	June 20, 1891	-----	-----	720
Archibald Campbell .....	do .....	June 22, 1891	-----	-----	720
Thomas G. Clark .....	do .....	June 18, 1891	-----	-----	720
S. L. Coleman .....	do .....	June 20, 1891	-----	-----	720
C. H. Calling .....	do .....	June 18, 1891	-----	-----	720
C. M. Campbell .....	do .....	June 22, 1891	-----	-----	720
John Flaherty .....	do .....	June 18, 1891	-----	-----	720
Richard J. Healy .....	do .....	do	-----	-----	720
Chris. A. Herrmann .....	do .....	June 23, 1891	-----	-----	720
Wm. C. Kleinman .....	do .....	June 20, 1891	-----	-----	720
James A. Murphy .....	do .....	June 18, 1891	-----	-----	720
Wm. McCullough .....	do .....	June 22, 1891	-----	-----	720
F. F. Noxon .....	do .....	June 20, 1891	-----	-----	720
John Parker .....	do .....	June 18, 1891	-----	-----	720
W. S. Rofe .....	do .....	June 23, 1891	-----	-----	720
Frank Schroeder .....	do .....	June 1, 1891	-----	-----	720
Chas. H. Smith .....	do .....	June 18, 1891	-----	-----	720
C. S. Thompson .....	do .....	June 1, 1891	-----	-----	720
Peter Tracy .....	do .....	June 18, 1891	-----	-----	720
H. E. Woodford .....	do .....	June 22, 1891	-----	-----	720
Nannie A. Andrews .....	Assistant microscopist .....	do	-----	-----	600
Laura D. Burke .....	do .....	do	-----	-----	600

<sup>1</sup> Transferred to Washington.<sup>2</sup> Transferred from Maryland.<sup>3</sup> Transferred from Chicago.<sup>4</sup> Transferred from import.<sup>5</sup> Transferred from export.



List of employes during the fiscal year ending June 30, 1891—Continued.

## MEAT INSPECTION—Continued.

[\* Promoted. † Traveling expenses.]

Name.	Capacity.	Date of appointment.	Services ended.	Compensation.	
				Per diem.	Per annum.
Chicago—Continued.					
Libbie Bacon	Assistant microscopist	June 20, 1891			\$600
Malvina A. Bixby	do.	June 22, 1891			600
A. G. Bennett	do.	June 20, 1891			600
Reuben Bakenhus	do.	June 22, 1891			600
Harald Boedtker	do.	June 20, 1891			600
Gaylord H. Brown	do.	June 18, 1891			600
Libbie A. Connor	do.	June 20, 1891			600
Geo. B. Crandal	do.	do.			600
Ellwood V. Davis	do.	June 18, 1891			600
C. H. Eddy	do.	June 25, 1891			600
James M. Eakins	do.	June 20, 1891			600
Blanche A. Forshee	do.	June 22, 1891			600
Lillie Flood	do.	June 20, 1891			600
Alice Hadley	do.	do.			600
Mary Henderson	do.	June 24, 1891			600
Tessie C. Havey	do.	June 20, 1891			600
Samuel C. Hickman	do.	do.			600
Geo. A. Huff	do.	do.			600
Ragna Kristensen	do.	do.			600
Reinhard Kochanowski	do.	do.			600
Nate E. Merrill	do.	do.			600
Guy Miltimore	do.	June 22, 1891			600
Isabelle Pierce	do.	June 20, 1891			600
Bertha P. Quinn	do.	June 24, 1891			600
Adelia M. Stewart	do.	June 20, 1891			600
Mollie Scanlan	do.	do.			600
Gussie Walsh	do.	do.			600
Theodore B. Zuendei	do.	do.			600
Kansas City.					
Edgar R. Allen	Veterinary inspector	May 1, 1891			1,600
E. S. Dundas	do.	do.			1,600
Chas. E. Gragg	do.	do.			1,600
P. D. Hughes	Inspector	do.			1,600
John W. Scott	do.	do.			1,600
Robt. J. McFarland	Assistant inspector	do.			1,000
M. S. Michener	do.	do.			1,000
Robert A. Braman	Tagger	June 8, 1891			720
J. A. Dyson	do.	do.			720
Benj. Fowler	do.	do.			720
Wm. B. Garlick	do.	do.			720
D. R. Green	do.	do.			720
Chas E. Husted	do.	do.			720
Ira Haworth	do.	do.			720
George Schnierle	do.	do.			720
Andrew C. Wells	do.	do.			720
Hammond.					
O. L. Boor	Veterinary inspector	May 25, 1891			†1,600
John R. Mitchell	do.	do.			1,600
Orrin W. Snyder	do.	June 15, 1891			1,400
A. A. Winslow	Assistant inspector	June 1, 1891			1,000
Wm. Bartel	Tagger	June 22, 1891			720
J. S. Blackmun	do.	do.			720
Wm. D. Clark	do.	do.			720
Jas. L. Gerrish	do.	do.			720
T. H. Jordan	do.	do.			720
Oscar Krinbill	do.	do.			720
S. A. Livingstone	do.	do.			720
Henry Wagner	do.	do.			720
South Omaha.					
John Forbes	Veterinary inspector	June 1, 1891			1,600
S. Stewart	do.	Apr. 15, 1891			1,800
J. Wilson	do.	June 29, 1891			1,600
Richard Ebbitt	do.	do.			1,400
R. Sears	do.	Apr. 15, 1891			1,600
S. W. McGrew	Inspector	Mar. 17, 1891			1,400
John B. Beishlag	Assistant inspector	Apr. 15, 1891			1,000
Phelps Paine	Clerk	June 29, 1891			900
Louis F. Miller	Tagger	do.			720

List of employes during the fiscal year ending June 30, 1891—Continued.

MEAT INSPECTION—Continued.

[\* Promoted. † Traveling expenses.]

Name.	Capacity.	Date of appointment.	Services rendered.	Compensation.	
				Per diem.	Per annum.
New York.					
W. S. Devoe.....	Veterinary inspector.....	Apr. 15, 1891			\$1,800
Jas. H. Ferster.....	do.....	do.....			1,400
Thos. Goulard.....	Inspector.....	Mar. 1, 1891 <sup>1</sup>	Apr. 4, 1891		†2,000
W. A. Willard.....	Clerk.....	June 3, 1891 <sup>2</sup>			†1,400
Benj. B. Mullen.....	Assistant inspector.....	June 5, 1891 <sup>3</sup>			†1,000
Jos. Johnson, jr.....	Tagger.....	May 25, 1891			720
Jersey City.					
Julius Huelsen.....	Veterinary inspector.....	June 3, 1891 <sup>4</sup>			†1,400
W. H. Cooper.....	do.....	June 15, 1891 <sup>4</sup>			†1,400
Geo. B. Rose.....	Assistant inspector.....	May 25, 1891			1,000

<sup>1</sup> Transferred from export.

<sup>2</sup> Transferred from New Jersey.

<sup>3</sup> Transferred from p. p., New York.

<sup>4</sup> Transferred from p. p., New Jersey.

Expenditures during the fiscal year ending June 30, 1891.

	Salaries.	Traveling expenses.	Miscellaneous.	Affected cattle.	Exposed cattle.	Total.	No. of animals—	
							Affected.	Exposed.
New York.....	\$75,452.88	\$11,174.25	\$4,470.33	\$1,016.63	\$13,846.05	\$105,960.19	35	569
New Jersey.....	31,300.22	8,318.04	1,141.61	382.00	1,771.50	42,913.37	12	67
Pennsylvania.....	1,508.40	50.10	.....	.....	.....	1,558.50	.....	.....
Maryland.....	2,130.82	519.36	92.63	.....	67.50	2,810.31	.....	5
Scientific investigations.....	13,029.53	387.75	21,479.17	.....	.....	34,896.45	.....	.....
Swine diseases.....	4,806.80	58.92	2,031.48	.....	.....	6,897.20	.....	.....
Collecting information.....	13,338.04	2,963.78	1,366.33	.....	.....	17,668.15	.....	.....
Reported diseases.....	546.57	647.09	60.00	.....	.....	1,253.66	.....	.....
Export cattle and stock yards inspection.....	73,045.33	14,737.28	15,014.99	.....	.....	102,797.60	.....	.....
Import cattle inspection.....	6,414.82	1,062.33	134.45	.....	.....	7,611.60	.....	.....
Meat inspection.....	9,300.80	622.26	14,202.23	.....	.....	24,125.29	.....	.....
Washington and miscellaneous.....	25,271.36	1,043.43	34,064.40	.....	.....	60,379.19	.....	.....
Total.....	256,145.57	41,584.59	94,057.67	1,398.63	15,685.05	408,871.51	47	641

Amount expended from the balance (\$136,793.81) of the appropriation for 1889-'90, and reappropriated for 1890-'91.

	Salaries.	Traveling expenses.	Miscellaneous.	Affected cattle.	Exposed cattle.	Total.	No. of animals—	
							Affected.	Exposed.
New York.....	\$34,036.99	\$5,101.04	\$1,573.06	\$340.00	\$9,620.50	\$50,671.59	11	399
New Jersey.....	13,566.50	3,346.83	598.16	382.00	1,553.50	19,446.99	12	58
Pennsylvania.....	1,132.00	45.96	.....	.....	.....	1,177.96	.....	.....
Maryland.....	1,433.71	372.14	88.88	.....	47.50	1,942.23	.....	3
Scientific investigations.....	4,840.21	146.66	4,927.43	.....	.....	9,914.30	.....	.....
Swine diseases.....	1,958.30	.....	31.95	.....	.....	1,990.25	.....	.....
Collecting information.....	5,449.17	1,523.06	99.44	.....	.....	7,071.67	.....	.....
Reported diseases.....	342.22	380.36	.....	.....	.....	722.58	.....	.....
Export cattle and stock yards inspection.....	15,545.69	4,694.83	4,719.20	.....	.....	24,959.72	.....	.....
Import cattle inspection.....	686.02	248.44	3.40	.....	.....	937.86	.....	.....
Washington and miscellaneous.....	9,379.22	431.77	7,149.68	.....	.....	16,960.67	.....	.....
Total.....	88,370.03	16,291.09	19,191.20	722.00	11,221.50	135,795.82	23	460



*Expended from the appropriation for 1890-'91, by States.*  
NEW YORK.

Date.	Name.	Remarks.	For what paid.	Salaries.	Traveling expenses.	Miscellaneous.	Affected cattle.	Exposed cattle.
1890.								
Aug. 14	S. T. Velsor	Assistant	Salary and expenses, July	\$84.20	\$94.52			
14	B. B. Mullen	do	do	84.20	6.60			
14	Earl A. Gillespie	East New York.	Lumber			\$69.61		
14	F. & J. G. Jenkins, jr	Brooklyn	Office rent			45.00		
14	Canda & Kane	New York	Lime			26.25		
14	C. Frank	Brooklyn	Services	10.00				
14	Nassau Gaslight Co	do	Charges			1.12		
16	A. K. Robertson	do	Expenses, July		75.29	30.27		
16	do	do	Salary and expenses, July	324.00	33.49			
19	John Bingham	New York	Stationery			88.05		
28	Metropolitan Telephone and Telegraph Co.	do	Rental and tolls			13.05		
			Total for month.....	502.40	149.90	273.35		
Sept.								
1	Edward Hill's Son & Co	do	Bleaching powder			106.34		
2	H. Baumgarten	Washington	10,000 tags			170.00		
4	H. D. Gill	do	Salary and expenses, August	134.80	45.00			
4	Edward Devoe	Clerk	Salary for August	131.60				
4	J. B. Docharty	do	do	126.40				
4	D. G. Hatch	do	do	126.40				
4	J. S. Sargent	Assistant	Salary and expenses, August	84.20	30.00			
4	C. A. Wilcox	Clerk	do	101.10	3.97			
4	J. F. Kilner	do	Salary for August	101.10				
4	J. J. Hearne	do	do	84.20				
4	E. Block	do	do	84.20				
4	Wm. H. Bogart	do	do	84.20				
4	J. J. Rabineau	do	do	84.20				
5	C. B. Mchenier	do	do	248.00				
5	Jas. A. Walrath	do	Salary and expenses, August		16.07			
5	R. W. Hickman	do	do	108.50	59.19			
5	R. R. Bell	do	do	168.50	47.70			
5	Chas. H. Perry	do	do	134.80	45.00			
5	Richard Kay	do	do	134.80	39.12			
5	W. H. Pendry	do	do	131.60	3.76			
5	F. H. Pendleton	Assistant	do	117.90	14.22			
5	Henry Brister	do	do	84.20	30.00			
5	Hiram Jerome	do	do	101.10	5.32			
5	John H. Eadie	Assistant	Salary for August	84.20				
5	G. L. Cohn	do	do	84.20				
5	Adolph Bevers	Clerk	do	84.20				
5	Alex. Devlin, jr.	Assistant	do	84.20				

*Expended from the appropriation for 1890-'91, by States—Continued.*

NEW YORK—Continued.

Date.	Name.	Remarks.	For what paid.	Salaries.	Traveling expenses.	Miscellaneous.	Affected cattle.	Exposed cattle.
1890.								
Sept.								
5	James Smith.....	Assistant.....	Salary for August.....	\$84.20				
5	Geo. Cornish.....	do.....	do.....	84.20				
5	Fred'k Metzger.....	do.....	do.....	84.20				
5	W. J. Watt <i>et al.</i> .....	Disinfectors, etc.....	Salaries, August.....	1,224.95				
5	C. Frank.....	Brooklyn.....	Services, August.....	10.00	\$3.88			
5	J. W. S. Ortiz.....	Assistant.....	Salary and expenses, August.....	84.20	5.32			
6	J. R. Taylor.....	do.....	do.....	84.20	5.97			
6	C. A. Forshew.....	Clerk.....	do.....	134.80	55.35			
6	H. S. Vanderhoff.....	do.....	do.....	208.00	11.07			
6	N. H. Paaren.....	do.....	do.....	240.00	153.05			
6	W. Judson Smith.....	do.....	Salary and expenses, August (24 days).....	84.20	8.52			
6	John Mesick.....	Assistant.....	Salary and expenses, August.....	208.00	44.82			
8	H. B. Ambler.....	do.....	do.....	101.10	116.19			
8	Jos. H. Storm.....	Appraiser.....	do.....	101.10	62.63			
8	J. H. Clark.....	do.....	do.....	84.20	35.62			
8	S. T. Velsor.....	Assistant.....	do.....	84.20	35.62			
8	Austin Cornwell.....	do.....	do.....	84.20	35.62			
8	E. Valentine.....	do.....	do.....	84.20	33.32			
8	P. C. Vandewater.....	do.....	do.....	84.20	32.22			
8	Michael Nau.....	do.....	do.....	84.20	8.97			
8	C. E. Grogan.....	do.....	do.....	84.20	8.37			
8	F. Hallenbeck.....	do.....	do.....	84.20	6.52			
8	Wm. J. Taylor.....	do.....	do.....	84.20	6.47			
8	Wm. W. Hughes.....	do.....	do.....	84.20	5.77			
8	B. B. Mullen.....	do.....	do.....	84.20	4.67			
8	Wm. Foley.....	do.....	do.....	84.20	3.83			
8	C. H. Bliss.....	do.....	do.....	84.20	3.62			
8	O. P. Vandenberg.....	do.....	do.....	84.20	3.15			
8	E. H. Flavin.....	do.....	do.....	84.20	1.27			
8	Samuel Jarvis.....	do.....	do.....	84.20	4.77			
12	C. S. Vosburgh.....	do.....	do.....	84.20				
12	James Welch.....	do.....	do.....	84.20				
12	Geo. G. Van Mater.....	do.....	Salary for August.....	84.20	13.05			
12	Canda & Kane.....	New York.....	Salary and expenses, Aug. 1 to 9.....	34.24		\$78.75		
12	F. & J. G. Jenkins, jr.....	Brooklyn.....	Lime.....			15.00		
12	Boyardus, Ellaby & Ellsworth.....	New York.....	Office rent.....			18.00		
12	Earl A. Gillespie.....	E. New York.....	Hog rings.....			13.25		
12	Nassau Gas Light Co.....	Brooklyn.....	Lumber.....			3.84		
16	A. K. Robertson.....	Brooklyn.....	Charges.....					
16	John Bingham.....	New York.....	Salary and expenses, August.....	312.00	8.54			
22	A. K. Robertson.....	New York.....	Stationery.....			176.45		
			Expenses, August.....		25.27	20.62		





*Expended from the appropriations for 1890-'91, by States—Continued.*

NEW YORK—Continued.

Date.	Name.	Remarks.	For what paid.	Salaries.	Traveling expenses.	Miscellaneous.	Affected cattle.	Exposed cattle.
1890.								
Oct.								
6	James Smith.	Assistant.	Salary for September.	\$81.60				
6	G. L. Cohn.	do	do	81.60				
7	H. B. Ambler.		Salary and expenses, September	208.00	\$42.92			
7	H. S. Vanderhoff.		do	130.40	63.36			
7	W. H. Pendry.		do	114.20	19.12			
7	E. Valentine.	Assistant.	do	81.60	34.32			
7	F. H. Pendleton.	do	do	81.60	30.00			
7	J. S. Sargent.	do	do	81.60	30.00			
7	Henry Brister.	do	do	97.80	6.20			
7	Wm. Foley.	Assistant.	do	81.60	7.97			
7	John Meistik.	do	do	81.60	6.77			
7	Wm. J. Taylor.	do	do	81.60	6.52			
7	B. B. Mullen.	do	do	81.60	6.22			
7	C. E. Grogan.	do	do	81.60	5.42			
7	Wm. H. Bogart.	do	do	81.60	4.92			
7	Jas. R. Taylor.	do	do	81.60	4.72			
7	C. S. Vosburgh.	do	do	81.60	4.32			
7	E. H. Flavin.	do	do	81.60	3.45			
7	J. W. S. Ortiz.	do	do	81.60	3.00			
7	C. H. Bliss.	do	do	81.60	2.68			
7	Saml. Jarvis.	do	do	81.60	1.12			
7	Fredk. Metzger.	do	Salary for September	81.60				
7	Geo. Cornish.	do	do	81.60				
7	Hiran Jerome.	do	do	81.60				
7	J. H. Eadie.	do	do	81.60				
7	James Welch.	do	do	81.60				
7	C. Frank.	Janitor.	Services for September 1 to 15.	40.76				
9	C. B. Michener.		Salary and expenses, Sept. 1 to 10—20 to 30.	168.00	7.58	\$0.75		
9	Jos. A. Walrath.		Salary and expenses, September	163.00	45.00			
9	Jos. H. Storm.	Appraiser	do	97.80	107.57			
9	Jas. H. Clark.	do	do	97.80	50.07	6.24		
9	S. T. Velsor.	do	do	81.60	34.32	.35		
9	W. J. Watt <i>et al.</i>	Disinfectors, etc	Salaries for September	1,440.60				
10	Edward T. Jenkins	Brooklyn	Office rent			45.00		
15	D. G. Hatch.	Clerk	Salary for October 1 to 15.	61.14				
17	A. K. Robertson.	do	Salary and expenses for September	312.00	5.55			
17	do		Expenses September		44.55	9.62		
17	Chas. H. Perry.	New York	Salary and expenses September	130.40	34.62			
17	Canda & Kane.	do	Line			78.75		
17	John Bingham.	do	Stationery			57.50		
17	Nassau Gas Light Co.	Brooklyn	Charges			4.05		





Extract from the appropriations for 1890-'91, by States—Continued.

NEW YORK—Continued.

Date.	Name.	Remarks.	For what paid,	Salaries.	Traveling expenses.	Miscellaneous.	Affected cattle.	Exposed cattle.
1890.								
Nov. 7	C. A. Wilcox.....	Clerk.....	Salary and expenses, October	\$101. 10	\$1. 56	.....	.....	.....
8	F. H. Pendleton.....	Assistant.....	do	84. 20	30. 00	.....	.....	.....
8	J. S. Sargent.....	do	do	84. 20	30. 00	.....	.....	.....
8	B. B. Mullen.....	do	do	84. 20	6. 67	.....	.....	.....
8	C. S. Vosburgh.....	do	do	84. 20	4. 67	.....	.....	.....
8	John Mesick.....	do	do	84. 20	3. 82	.....	.....	.....
8	C. H. Bliss.....	do	do	84. 20	3. 72	.....	.....	.....
8	E. H. Flavin.....	do	do	84. 20	3. 42	.....	.....	.....
8	J. H. Eadie.....	do	Salary for October	84. 20	.....	.....	.....	.....
8	Jas. Smith.....	do	do	84. 20	.....	.....	.....	.....
8	G. L. Cohn.....	do	do	84. 20	.....	.....	.....	.....
8	Alex. Devlin, jr.....	do	do	84. 20	.....	.....	.....	.....
8	Uram Jerome.....	do	do	84. 20	.....	.....	.....	.....
8	Adolph Bevers.....	Clerk.....	do	84. 20	.....	.....	.....	.....
11	H. S. Vanderhoff.....	do	Salary and expenses, October	134. 80	55. 74	.....	.....	.....
11	Austin Cornwell.....	Assistant.....	do	84. 20	34. 52	.....	.....	.....
11	S. T. Velsor.....	do	do	84. 20	34. 52	.....	.....	.....
11	E. Valentine.....	do	do	84. 20	34. 52	.....	.....	.....
11	P. C. Vandewater.....	do	do	84. 20	34. 28	.....	.....	.....
11	Michael Nan.....	do	do	84. 20	30. 82	.....	.....	.....
11	C. A. Forshew.....	Clerk.....	do	84. 20	8. 07	.....	.....	.....
11	W. W. Hughes.....	Assistant.....	do	84. 20	7. 97	.....	.....	.....
11	C. E. Grogan.....	do	do	84. 20	7. 97	.....	.....	.....
11	Wm. J. Taylor.....	do	do	84. 20	6. 72	.....	.....	.....
11	Wm. Foley.....	do	do	84. 20	5. 12	.....	.....	.....
11	J. W. S. Ortiz.....	do	do	84. 20	4. 92	.....	.....	.....
11	Samuel Jarvis.....	do	do	84. 20	4. 68	.....	.....	.....
11	Jas. Welch.....	do	do	84. 20	2. 82	.....	.....	.....
11	Geo. Cornish.....	do	do	84. 20	2. 47	.....	.....	.....
11	O. P. Vandenberg.....	do	Salary and expenses, Oct. 1 to 18	84. 20	2. 32	.....	.....	.....
11	F. Hallenbeck.....	do	Salary for October	84. 20	.....	.....	.....	.....
11	Fred'k Metzger.....	do	do	84. 20	.....	.....	.....	.....
11	Edward T. Jenkins.....	Brooklyn	Office rent	.....	.....	\$45. 00	.....	.....
11	J. L. Mott Iron Works.....	New York	Stove, etc	.....	.....	22. 87	.....	.....
11	Thomas F. Taylor.....	Brooklyn	Coal, etc	.....	.....	20. 00	.....	.....
11	C. Frank.....	do	Services	10. 00	.....	.....	.....	.....
11	Bogardus, Ellaby & Ellsworth.....	New York	Hog ringers	.....	.....	6. 75	.....	.....
12	Jos. H. Storm.....	Appraiser	Salary and expenses, October	101. 10	98. 48	.....	.....	.....
12	Jas. H. Clark.....	do	do	101. 10	59. 99	.....	.....	.....
12	John Bingham.....	New York	Stationery	.....	.....	37. 40	.....	.....
17	A. K. Robertson.....	do	Salary and expenses, October	324. 00	24. 16	.....	.....	.....





*Expended from the appropriation for 1890-'91, by States—Continued.*

NEW YORK—Continued.

Date.	Name.	Remarks.	For what paid.	Salaries.	Traveling expenses.	Miscellaneous.	Affected cattle.	Exposed cattle.
1891. Dec. 9	Chas. H. Perry		Salary and expenses, November	\$130.40	\$34.62			
9	W. H. Pendry		do	114.20	42.97			
9	Jas. H. Clark	Appraiser	do	97.80	49.80			
9	S. T. Velsor	Assistant.	do	81.60	34.52			
9	E. H. Flavin	do	do	81.60	3.10			
9	Fred'k Metzger	do	do	81.60	2.32			
9	C. S. Vosburgh	do	do	81.60	82			
10	W. J. Smith		Salary and expenses, November 1 to 3 and 21 to 30.	190.00	99.97			
10	Henry Brister		Salary and expenses, November 1 to 7.	22.83	1.20			
10	George Cornish	Assistant	do	19.02	1.40			
10	Wm. Foley	do	do	19.02	1.40			
10	C. A. Forshaw	Clerk	do	19.02	1.00			
10	Hiram Jerome	Assistant	Salary for November 1 to 7.	19.02				
10	James Welch	do	Salary and expenses, November 1 to 23.	62.50	2.06			
17	Wm. H. Bogart	do	Salary and expenses, November 1 to 8.	21.74	1.21			
17	Jas. A. Walrath	do	Salary and expenses, November 1 to 14.	76.09	45.00			
18	Thos. Coyle	Disinfecter	Salary for November 1 to 13.	35.33				
19	A. K. Robertson		Salary and expenses, November	300.00	12.65			
19	do	Expenses, November			22.32	\$8.75		
23	John Bingham	New York Stationery			12.95	6.30		\$627.50
23	Nassau Gaslight Company	Brooklyn	Charges					81.84
27	Robert F. Craig	Kings County	22 animals					66.00
27	Michael Given	do	3 animals					30.00
27	Gottlob Leibacher	do	1 animal					15.00
27	Isaac Frank	New York County	do					15.00
27	E. Haehmann	Queens County	do					6.96
27	Patrick Keenan	do	do					6.00
27	Nicholas Fitting	do	do					
27	Edwin F. Abernethy	do	do					
1891. Jan. 6	W. Judson Smith		Total for month.	5,860.71	884.64	109.75		1,739.91
9	H. B. Ambler		Salary and expenses, December 1 to 8 and 11 to 31.	250.00	135.82			
9	N. H. Paaren		Salary and expenses, December.	248.00	8.07			
9	J. A. Walrath		do	208.00	11.77			
9	H. D. Gill		Salary and expenses, December 22 to 31.	54.37	45.12			
9	Chas. H. Perry		Salary and expenses, December.	134.80	45.00			
9	W. H. Pendry		do	134.80	36.12			
9	do		do	117.90	43.47			



9	S. T. Velsor	Assistant	do	84.20	34.52	
9	P. C. Vandewater	do	do	84.20	34.28	
9	Chas. A. Wilcox	Clerk	do	101.10	1.54	
9	Edward Devoe	do	Salary for December	131.60		
9	Jas. B. Docharty	do	do	126.40		
9	John F. Kilner	do	do	101.10		
9	Jos. J. Hearne	do	do	84.20		
9	Leon E. Block	do	do	84.20		
9	J. J. Rabineau	do	do	84.20		
9	F. Hallenbeck	do	do	84.20		
9	John H. Eadie	Assistant	do	84.20		
9	James Smith	do	do	84.20		
9	Alex. Devlin, jr.	do	do	84.20		
9	Adolph Bevers	do	do	84.20		
9	G. L. Cohn	do	do	84.20		
9	W. J. Watt <i>et al</i>	Patrolmen, etc	do	782.75		
10	Jos. H. Storm	Salaries, December	do	101.10	108.54	
10	H. S. Vanderhoff	Salary and expenses, December	do	134.80	52.54	
10	Richard Kay	do	do	151.60	31.52	
10	Roscoe R. Bell	do	do	134.80	45.00	
10	Jas. H. Clark	Appraiser	do	101.10	1.56	
10	Austin Cornwell	Assistant	do	84.20	35.62	
10	E. Valentine	do	do	84.20	25	
10	Michael Nau	do	do	84.20	31.52	
10	F. H. Pendleton	do	do	84.20	30.00	
10	J. S. Sargent	do	do	84.20	30.00	
10	Chas. E. Grogan	do	do	84.20	8.42	
10	W. W. Hughes	do	do	84.20	8.42	
10	John Mesick	do	do	85.20	7.48	
10	Benj. B. Mullen	do	do	84.20	7.47	
10	Wm. J. Taylor	do	do	84.20	7.12	
10	Jas. R. Taylor	do	do	84.20	5.92	
10	C. S. Vosburgh	do	do	84.20	4.80	
10	C. H. Bliss	do	do	84.20	4.30	
10	Samuel Jarvis	do	do	84.20	2.88	
10	E. H. Flavin	do	do	84.20	2.72	
Total for month				5,223.42	909.48	1.81
Grand total				34,036.99	5,101.04	1,573.06
						9,620.50

NEW JERSEY.

1890.	Werner Runge	Salary and expenses, July	\$117.90	\$54.20	
Aug. 12	W. H. Cooper	do	117.90	45.00	
12	R. R. Lettis	do	101.10	48.55	
12	Joseph Locke	do	84.20	35.65	
12	R. H. Moore	do	84.20	35.54	
	Assistant	do			
	do	do			

*Expended from the appropriation for 1890-91—Continued.*

NEW JERSEY—Continued.

Date.	Name.	Remarks.	For what paid.	Salaries.	Traveling expenses.	Miscellaneous.	Affected cattle.	Exposed cattle.
1890.								
Aug. 12	Fred'k Bluem	Assistant.	Salary and expenses, July.	\$84.20	\$34.95			
12	J. H. Phelan	do	do	84.20	34.65			
12	Dan'l F. Shea	do	do	84.20	32.75			
12	I. C. Kilburn	do	do	84.20	32.20			
12	Thos. Crozer	do	do	31.95	31.95			
12	B. S. Watson	do	do	84.20	30.55			
12	Shoon Kelly	do	do	84.20	23.65			
12	Malvin Doremus	do	do	84.20	13.25			
12	D. R. Hobart	do	do	84.20	5.45			
12	Geo. C. Todley	do	do	84.20	5.45			
12	James Cassey	do	do	84.20	5.45			
12	John Briggs	do	do	84.20	3.50			
12	Mo. Conklin <i>et al</i>	Disinfectors	Salaries, July	142.70				
12	Geo. Fick	Jersey City	Storeroom	5.00		\$6.00		
12	Joseph Corbort	do	Office rent			50.00		
14	F. H. Spengeman	do						
			Total for month.	1,663.40	472.74	56.00		
Sept.								
10	Wm. B. E. Miller		Salary and expenses, August	134.80	45.00			
10	W. H. Cooper	do	do	117.90	45.00			
10	W. W. Curry	do	do	117.90	45.00			
10	W. A. Willard	Clerk	do	117.90	9.35			
10	I. C. Kilburn	Assistant	do	84.20	42.35			
10	Malvin Doremus	do	do	84.20	13.25			
10	W. L. Ferguson	Clerk	Salary for August	84.20				
10	Floy McEwen	do	do	84.20				
10	C. D. Noonan	do	do	70.80				
10	Mo. Conklin <i>et al</i>	Disinfectors	Salaries, August	142.70				
10	Joseph Corbort	Jersey City	Services	5.00				
10	Geo. Fick	do	Storeroom			6.00		
10	F. H. Spengeman	do	Office rent			50.00		
11	J. W. Hawk		Salary and expenses, August.	168.50	60.30			
11	H. W. Rowland	do	do	117.90	58.77			
11	Werner Runge	do	do	117.90	53.40			
11	R. R. Letts	do	do	101.10	47.05			
11	Julius Huelssen	do	do	117.90	11.45			
11	R. H. Moore	Assistant	do	84.20	34.57			
11	Fred'k Bluem	do	do	84.20	33.55			
11	D. F. Shea	do	do	84.20	32.50			
11	J. H. Phelan	do	do	84.20	32.15			

11	B. S. Watson.....	do	do	84.20	30.00	.....
11	Thos. Crozer.....	do	do	84.20	29.35	.....
11	Simon Kelly.....	do	do	84.20	23.65	.....
11	Geo. C. Toffey.....	do	do	84.20	5.45	.....
11	James Cassey.....	do	do	84.20	5.45	.....
11	D. R. Hobart.....	do	do	84.20	5.45	.....
11	John Briggs.....	do	do	84.20	3.50	.....
12	Joseph Locke.....	do	do	84.20	35.70	.....
16	New York and New Jersey Telephone Co.....	Jersey City	Rental and tolls	.....	8.55	.....
16	John Bingham.....	New York	Stationery	.....	30.35	.....
22	T. T. Kinney.....	Newark	Blanks	.....	5.00	.....
27	Sutherland, Innes & Co.....	New York	Bleaching powder	.....	12.94	.....
Total for month..... \$3,493.48				2,677.50	703.14	.....
10	J. W. Hawk.....	do	Salary and expenses, September	163.00	62.00	.....
10	W. W. Curry.....	do	do	114.20	48.95	.....
10	W. H. Cooper.....	do	do	114.20	45.00	.....
10	Julius Huelsen.....	do	do	114.20	11.05	.....
10	Mo. Conklin <i>et al</i> .....	do	Salaries, September	677.60	.....	.....
14	W. B. E. Miller.....	do	Salary and expenses, September	130.40	53.66	.....
14	Werner Runge.....	do	do	114.20	53.35	.....
14	H. W. Rowland.....	do	do	114.20	52.85	.....
14	R. R. Letts.....	do	do	97.80	47.45	.....
14	I. C. Kilburn.....	do	do	81.60	48.75	.....
14	W. A. Willard.....	do	do	114.20	14.75	.....
14	Thomas Crozer.....	do	do	81.60	34.05	.....
14	R. H. Moore.....	do	do	81.60	33.85	.....
14	Fredk. Blum.....	do	do	81.60	33.50	.....
14	Jos. Locke.....	do	do	81.60	32.85	.....
14	J. H. Phelan.....	do	do	81.60	32.55	.....
14	B. S. Watson.....	do	do	81.60	30.55	.....
14	D. F. Shea.....	do	do	81.60	27.90	.....
14	Simon Kelly.....	do	do	81.60	23.55	.....
14	Melvin Doremus.....	do	do	81.60	12.75	.....
14	James Cassey.....	do	do	81.60	5.25	.....
14	D. R. Hobart.....	do	do	81.60	5.25	.....
14	Geo. C. Toffey.....	do	do	81.60	5.25	.....
14	John Briggs.....	do	do	81.60	3.40	.....
14	W. L. Ferguson.....	do	Salary for September	81.60	.....	.....
14	Floy McEwen.....	do	do	81.60	.....	.....
14	C. D. Noonan.....	do	do	81.60	.....	.....
14	Newark Lime and Cement Manufacturing Co.....	do	Lime	68.40	46.64	.....
14	Geo. Fick.....	Jersey City	Storeroom	.....	6.00	.....
14	Joseph Corbert.....	do	Services	5.00	.....	.....
17	F. H. Spengeman.....	do	Office rent	.....	50.00	.....
17	Bogardus, Ellaby & Ellsworth.....	New York	Hog rings, etc	.....	10.10	.....
17	New York and New Jersey Telephone Co.....	Jersey City	Rental, etc	.....	9.10	.....
18	P. Mulcahy.....	Hudson County	2 animals	.....	.....	\$63.00



Expended from the appropriation for 1890-'91, by States—Continued.  
NEW JERSEY—Continued.

Date.	Name.	Remarks.	For what paid.	Salaries.	Traveling expenses.	Miscellaneous.	Affected cattle.	Exposed cattle.
1890.								
Oct. 18	P. Mulcahy	Hudson County	23 animals					\$592.75
18	Frank Wollon	do	15 animals					408.75
18	do	do	6 animals				\$202.50	
18	Mary Hannon	do	2 animals					58.00
18	do	do	3 animals				78.00	
18	Margrete Gibney	do	1 animal					29.00
18	do	do	do					
18	Ellen Hurley	do	3 animals				38.50	
18	Maria Crane	Essex County	1 animal					82.50
18	A. C. Lyon	do	do					15.00
18	Lena Messner	Hudson County	4 animals					10.00
23	Wing & Evans	New York	Bleaching powder			\$18.82		114.00
31			Total for month	\$3,133.00	\$718.41	144.16	382.00	1,310.00
Nov. 3	Robert S. Forbes		Expenses Oct. 29 to Nov. 1		29.19			
12	Mo. Conklin <i>et al</i>	Disinfectors	Salaries, October	853.70				
13	J. W. Hawk		Salary and expenses, October	168.50		1.50		
13	W. B. E. Miller		do	134.80	76.95			
13	W. H. Cooper		do	117.90	45.00			
13	H. W. Rowland		do	117.90	59.20			
13	Werner Runge		do	117.90	55.39			
13	W. W. Curry		do	117.90	54.10			
13	W. A. Willard	Clerk	do	117.90	48.00			
13	L. C. Kilburn	Assistant	do	117.90	17.65			
13	Julius Huelson		do	84.20	46.40			
13	Fredk. Blum	Assistant	do	117.90	11.65			
13	Simon Kelly	do	do	84.20	33.85			
13	Melvin Doremus	do	do	84.20	23.75			
13	James Cassey	do	do	84.20	13.75			
13	W. L. Ferguson	Clerk	Salary for October	84.20	5.65			
13	Floy McIwren	do	do	84.20				
13	C. D. Noonan	do	do	70.80				
14	Thos. Crozer	Assistant	Salary and expenses, October	84.20	41.30			
14	E. H. Moore	do	do	84.20	35.44			
14	Joseph Locke	do	do	84.20	32.95			
14	D. F. Shea	do	do	84.20	32.55			
14	J. H. Phelan	do	do	84.20	32.20			
14	B. S. Watson	do	do	84.20	31.00			
14	D. R. Hobart	do	do	84.20	5.65			

14	Geo. C. Toffey.....	do	do	84.20	5.65	.....	.....	.....
14	John Briggs.....	do	do	84.20	3.65	.....	.....	.....
14	F. H. Spengeman.....	Jersey City.	Office rent	.....	.....	50.00	.....	.....
14	Geo. Fick.....	do	Storeroom	.....	.....	6.00	.....	.....
14	Joseph Corbert.....	do	Services	.....	.....	.....	.....	.....
17	R. R. Letts.....	do	Salary and expenses, October	.....	.....	.....	.....	.....
22	Francis Halber.....	Hudson County	2 animals	101.10	47.75	.....	.....	67.00
22	Adam Darmstatter.....	do	1 animal	.....	.....	.....	.....	40.00
22	Hyman Lowenthal.....	Bergen County	do	.....	.....	.....	.....	20.00
22	A. Barre.....	Morris County	do	.....	.....	.....	.....	12.00
22	Newark Lime and Cement	do	Lime	.....	.....	55.80	.....	.....
22	Manufacturing Co.	do	Rental, etc.	.....	.....	10.05	.....	.....
22	New York and New Jersey	Jersey City.	do	.....	.....	.....	.....	.....
22	Telephone Co.	do	do	.....	.....	.....	.....	.....
Total for month.....				\$4,439.52	788.67	123.35	.....	139.00
5	Francis Halber.....	Bergen County	1 animal	379.10	.....	.....	.....	37.00
10	Mo. Conklin <i>et al.</i> .....	Disinfectors	Salaries, November	163.00	72.56	.....	.....	.....
11	J. W. Hawk.....	do	Salary and expenses, November	114.20	50	.....	.....	.....
11	Werner Runge.....	do	do	114.20	54.30	.....	.....	.....
11	H. W. Rowland.....	do	do	114.20	51.16	.....	.....	.....
11	W. W. Curry.....	do	do	114.20	45.00	.....	.....	.....
11	W. H. Cooper.....	do	do	114.20	47.75	.....	.....	.....
11	R. E. Letts.....	do	do	97.80	.....	.....	.....	.....
11	W. A. Willard.....	Clerk	do	114.20	13.75	.....	.....	.....
11	Julius Huelsen.....	do	do	114.20	10.15	.....	.....	.....
11	I. C. Kilburn.....	Assistant	do	81.60	36.70	.....	.....	.....
11	R. H. Moore.....	do	do	81.60	34.05	.....	.....	.....
11	Fredk. Blum.....	do	do	81.60	33.80	.....	.....	.....
11	B. S. Watson.....	do	do	81.60	32.00	.....	.....	.....
11	Joseph Locke.....	do	do	81.60	31.65	.....	.....	.....
11	D. F. Shea.....	do	do	81.60	31.60	.....	.....	.....
11	Thos. Crozer.....	do	do	81.60	31.10	.....	.....	.....
11	J. H. Phelan.....	do	do	81.60	23.25	.....	.....	.....
11	Simon Kelly.....	do	do	81.60	11.75	.....	.....	.....
11	Melvin Doremus.....	do	do	81.60	4.85	.....	.....	.....
11	D. R. Hobart.....	do	do	81.60	4.85	.....	.....	.....
11	Geo. C. Toffey.....	do	do	81.60	4.85	.....	.....	.....
11	James Cassey.....	do	do	81.60	3.15	.....	.....	.....
11	John Briggs.....	do	do	81.60	.....	.....	.....	.....
11	Floy McEwen.....	Clerk	Salary for November	81.60	.....	.....	.....	.....
11	W. J. Ferguson.....	do	do	81.60	.....	.....	.....	.....
11	C. D. Noonan.....	do	do	68.40	.....	.....	.....	.....
11	F. H. Spengeman.....	Jersey City	Office rent	.....	.....	50.00	.....	.....
11	Geo. Fick.....	do	Storeroom	.....	.....	6.00	.....	.....
11	Joseph Corbert.....	do	Services	5.00	.....	.....	.....	.....
19	Bogardus Ellaby & Ellsworth.	do	Nippers	.....	.....	10.50	.....	.....
19	Thos. T. Kinney.....	New York	Blanks	.....	.....	9.00	.....	.....
23	New York and New Jersey	Newark	Rental, etc.	.....	.....	10.45	.....	.....
23	Telephone Co.	Jersey City.	do	.....	.....	.....	.....	.....

Dec.

*Expended from the appropriation for 1890-'91, by States—Continued.*

NEW JERSEY—Continued.

Date.	Name.	Remarks.	For what paid.	Salaries.	Traveling expenses.	Miscellaneous.	Affected cattle.	Exposed cattle.
1890. Dec. 27 31	Lucas Vorhees, jr. Chas. H. Evans	Hunterdon County Burlington County	1 animal do					\$25. 00 42. 50
			Total for month	\$3, 558. 92	\$663. 87	\$86. 45		104. 50
1891. Jan. 3	H. Baumgarten Newark Lime and Cement Manufacturing Co.	Washington	3, 000 tags Lime			51. 00 24. 36		
			Total for month	\$75. 36		75. 36		
			Grand total	\$19, 446. 99	3, 346. 83	598. 16	\$382. 00	1, 553. 50

PENNSYLVANIA.

1890. Sept. 6 6	W. H. Rose E. S. Huff Geo. Carter	Assistant do	Salary and expenses, August. Salary for August Salary and expenses, August	\$208. 00 84. 20 84. 20	\$6. 67 2. 57			
			Total for month	\$385. 64	9. 24			
Oct. 6 6 6	W. H. Rose Geo. Carter E. S. Huff	Assistant do	Salary and expenses, September do Salary for September	208. 00 81. 60 81. 60	15. 17 2. 97			
			Total for month	\$398. 34	18. 14			
Nov. 5 5 5	W. H. Rose Geo. Carter E. S. Huff	Assistant do	Salary and expenses, October do Salary for October	216. 00 84. 20 84. 20	15. 51 3. 07			
			Total for month	\$402. 98	18. 58			
			Grand total	\$1, 177. 96	45. 96			



## MARYLAND.

1890, Aug. 21	Alex. Yearley & Son.....	Baltimore.....	Office rent, July.....			\$12.50	
Sept. 2	I. L. Ball.....	Clerk.....	Salary for August.....	\$84.20			
2	Emily Lucas.....	Baltimore.....	Services, August.....	4.50			
4	Geo. C. Faville.....	Baltimore.....	Salary and expenses, August.....	2.60	\$73.30		
12	Alex. Yearley & Son.....	Baltimore.....	Office rent, August.....		12.50		\$0.15
12	Bernard Horine.....	Frederick County.....	1 animal.....				
16	A. W. Clement.....		Salary and expenses, August 1 to 7 and 19 to 31.....	108.71	61.90		
22	John N. Foss.....	Baltimore County.....	1 animal.....				17.50
22	Conrad Schmidt.....	do.....	do.....				15
			Total for month.....	457.41	135.20	12.50	47.50
Oct. 6	Geo. C. Faville.....		Salary and expenses, September 1 to 26.....	230.00	53.25		
6	A. W. Clement.....		do.....	163.00	56.14		
6	I. L. Ball.....	Clerk.....	Salary for September.....	81.60			
6	Alex. Yearley & Son.....	Baltimore.....	Office rent.....		12.50		
6	Emily Lucas.....	do.....	Services.....	4.50			
17	Chesapeake and Potomac Telephone Co.,	do.....	Rental, July to September.....		25.00		
17	Geo. C. Faville.....		Expenses, September.....		4.25		
			Total for month.....	479.10	109.39	41.75	
Nov. 5	A. W. Clement.....		Salary and expenses, October.....	168.50	53.25		
8	I. L. Ball.....	Clerk.....	Salary for October.....	84.20			
11	Geo. C. Faville.....		Salary and expenses, October 1 to 19 and 23 to 31.....	240.00	74.80		
			Services, October.....	4.50			
11	Emily Lucas.....	Baltimore.....	Office rent, October.....		10.00		
11	Alex. Yearley & Son.....	do.....	Expenses, October.....		12.13		
14	Geo. C. Faville.....		Total for month.....	497.20	127.55	22.13	
			Grand total.....	1,433.71	372.14	88.88	47.50

*Expended from the appropriation for 1890-91.*

SCIENTIFIC INVESTIGATIONS.

Date.	Name.	Remarks.	For what paid.	Salaries.	Traveling expenses.	Misc neous.
1890.						
Aug. 16	S. J. Meeks	Experiment station.	Buggy.....	\$151.60		\$135.00
16	John A. Baker	do	Wheelbarrows.....	134.80		13.00
16	C. Becker	do	Horse net.....	117.90		6.00
22	Wm. H. Teepe	Laboratory	Drawing paper.....	84.20		3.60
22	Henry H. Shufeldt & Co.	do	Alcohol.....	70.80		58.20
22	John F. Stephenson	do	Freightage.....	60.60		1.79
30	F. L. Kilborne	Experiment station	Cattle ticks.....	55.60		20.00
31	Cooper Curtrice	Laboratory	Salary for August.....			
31	E. A. v. Schweinitz	do	do	134.80		
31	V. A. Moore	do	do	117.90		
31	M. N. Barnard	do	do	84.20		
31	Wm. Alexander	do	do	70.80		
31	W. H. Bradford	Experiment station	do	60.60		
31	J. Somerville	Laboratory	do	55.60		
31	W. C. Shimoneck	do	do	55.60		
31	Jas. R. Stewart	do	do	50.50		
31	John Meany	do	do	52.00		
			Total for month.....	\$33.60		237.59
				36.00		
Sept. 2	A. Burnett	Experiment station	Laborer, August.....	01.10		41.66
2	E. C. Schroeder	Laboratory	Salary for August.....			63.00
2	H. J. Ruppert	Experiment station	Rent, August.....	1		55
9	Geo. W. Knox	do	Express charges.....			36.00
10	Shanahan, Kelly & Co.	do	Oil.....			12.00
11	J. W. Boteler & Son	do	Refrigerator.....			4.11
12	W. H. H. Griffith	do	Cabbages.....			2.25
12	Woodward & Lothrop	do	Crash, etc.....			32.18
12	O. Anderson	do	Repairing tank.....			35.20
12	L. H. Hopkins	do	Hardware.....			3.16
16	B. Westermann & Co.	Laboratory	Books.....			440.50
17	Hausman, McComb & Dunn	Experiment station	Instruments.....			7.70
17	Adams Express Co	do	Transportation, cattle.....			
27	Geo. E. Hutchins	Laboratory	Plumbing, etc.....			
30	Cooper Curtrice	do	Salary, September.....	146.80		
30	E. A. v. Schweinitz	do	do	130.40		
30	V. A. Moore	do	do	114.20		
30	M. N. Barnard	do	do	81.60		
30	Wm. Alexander	do	do	68.40		
30	W. H. Bradford	Experiment station	do	58.80		

30	J. Somerville.....	Laboratory	do	53.80	678.31
30	Wm. C. Shimoneck.....	do	do	53.80	
30	J. R. Stewart.....	do	do	49.00	
30	John Meany.....	do	do	52.00	
	Total for month.....		\$1,624.21	945.90	
Oct.	1	E. C. Schroeder.....	Laboratory	Salary for September	97.80
	4	H. J. Rupert.....	Experiment station	Rent, September	41.66
	7	Washington Gaslight Co.....	Laboratory	Charges	35.98
	9	Chesapeake & Potomac Telephone Co.....	Experiment station	Rental, July to September	36.00
	16	Alfred Burnett.....	do	Laborer, September	
	17	B. Westermann & Co.....	Laboratory	Books	24.22
	17	E. A. v. Schweinitz.....	Experiment station	Expenses, October 9 to 12	\$26.75
	25	Chas. R. Talbert.....	do	Feed	158.66
	25	Walter F. Hewett.....	do	Ice	46.55
	25	Independent Ice Co.....	do	Cabbages	25.98
	25	W. H. H. Griffith.....	do	Hardware	15.00
	25	L. H. Hopkins.....	do	Washing	11.10
	25	Annie Burnett.....	do	Instruments	1.96
	30	Elmer & Amend.....	Laboratory	Salary, October	151.60
	31	Cooper Cuttice.....	do	do	134.80
	31	E. A. v. Schweinitz.....	do	do	117.90
	31	V. A. Moore.....	do	do	84.20
	31	M. N. Barnard.....	do	do	70.80
	31	Wm. Alexander.....	do	do	60.60
	31	Wm. H. Bradford.....	Experiment station	do	55.60
	31	J. Somerville.....	Laboratory	do	50.50
	31	Jas. R. Stewart.....	do	do	54.00
	31	John Meany.....	do	do	55.60
	31	W. C. Shimoneck.....	do	do	
	Total for month.....		\$1,571.40	969.40	575.25
Nov.	3	E. C. Schroeder.....	Laboratory	Salary for October	84.80
	3	Alfred Burnett.....	Experiment station	Laborer, October	36.00
	3	H. J. Rupert.....	do	Rent, October	41.66
	4	Washington Gaslight Co.....	Laboratory	Charges	88
	4	Z. D. Gilman.....	do	Chemicals	113.52
	5	Wilson-Hood-Cheyney Co.....	do	Charges on lens	11.20
	6	Chas. R. Talbert.....	Experiment station	Feed	205.26
	6	E. A. v. Schweinitz.....	Laboratory	Expenses, August-November	3.52
	7	B. F. Guy & Co.....	Experiment station	Stove, etc	31.50
	7	Melville Lindsay.....	do	Gloves, etc	3.50
	11	B. Westermann & Co.....	Laboratory	Books	21.28
	11	Walter F. Hewett.....	Experiment station	Feed	48.25
	11	John F. Talbert.....	do	Carpenter	51.00
	12	Libbey, Bittinger & Miller.....	do	Lumber	82.85
	12	L. H. Hopkins.....	do	Hardware	27.81
	13	Theobald Smith.....	Laboratory	Expenses, July-October	4.38
	13	Elmer & Amend.....	do	Instruments	25.00
	19	Keys & Co.....	Experiment station	Carriage hire	7.00



*Expended from the appropriation for 1890-'91—Continued.*

SCIENTIFIC INVESTIGATIONS—Continued.

Date.	Name.	Remarks.	For what paid.	Salaries.	Traveling expenses.	Miscellaneous.
1890.						
Nov. 22	A. Hoen & Co.	"Parasites of sheep"	10,000 copies, 36 plates.			\$1,429.60
22	W. G. Wheatley	Laboratory	Coal			32.17
30	Cooper Curtice	do	Salary, November.	\$146.80		
30	E. A. v. Schweinitz	do	do	130.40		
30	V. A. Moore	do	do	114.20		
30	M. N. Barnard	do	do	81.60		
30	Wm. Alexander	do	do	68.40		
30	W. H. Bradford	Experiment station	do	58.80		
30	J. Somerville	Laboratory	do	53.80		
30	Wm. C. Shimoneck	do	do	53.80		
30	J. R. Stewart	do	do	49.00		
30	John Meany	do	do	50.00		
		Total for month.	\$3,069.98	978.60		2,091.38
Dec. 1	H. J. Ruppert	Experiment station	Rent for November			41.66
2	E. C. Schroeder	Laboratory	Salary and expenses, November 1 to 20 and 22 to 30.	94.54		
2	C. Becker	Experiment station	Harness			14.50
2	Shanahan, Reilly & Co.	do	Paint			5.15
2	Geo. N. Holland	do	Lime, etc.			6.85
3	F. L. Kilborne	do	Expenses, October and November			12.35
4	Washington Gaslight Co.	Laboratory	Charges			1.00
12	W. L. Williams	Experiment station	Salary and expenses, November	81.60	\$3.33	184.88
12	Walter F. Hewett	do	Feed			109.57
12	Alfred Burnett	do	Laborer	36.00		
12	Elphouzo Youngs	do	Prepared food			14.00
16	E. Flanagan	do	Turnips			9.00
17	Chas. R. Talbert	do	Hay, etc.			180.62
20	Rob't Leitch & Sons	Laboratory	Radiation, etc.			32.63
22	S. C. Carter	Experiment station	Coal			47.97
23	Libbey, Bittinger & Miller	do	Lumber			38.06
23	W. B. Moses & Sons	Laboratory	Furniture			172.70
24	Cooper Curtice	California	Expenses July, September, October		116.58	
27	Elmer & Amend	Laboratory	Instruments etc			
27	L. H. Hopkins	Experiment station	Hardware			
31	Charles A. Freedman	Laboratory	Carpenter			
31	Cooper Curtice	do	Salary, December	15.00		
31	D. A. v. Schweinitz	do	do	151.60		
31	V. A. Moore	do	do	134.80		
31	M. N. Barnard	do	do	117.90		
31		do	do	84.20		

SWINE DISEASES.

1891.	W. Alexander	do	do	70.80		
Jan. 2	W. H. Bradford	Experiment station	do	60.00		
31	J. Somerville	Laboratory	Salary, December 28 days	50.22		
31	W. C. Shimoneck	do	Salary, December	55.60		
81	Jas. R. Stewart	do	do	50.50		
31	John Meany	do	do	54.00		
31	Luke Jamison	do	Salary, December 20 to 31	19.35		
1891.			Total for month	1,076.71	119.91	1,244.68
Jan. 2	H. J. Ruppert	Experiment station	Rent for December			41.66
3	Washington Gaslight Co.	Laboratory	Charges			13
5	Chesapeake & Potomac Telephone Co.	Experiment station	Rental, October to December			35.93
10	Alfred Burnett	do	Laborer	36.00		
10	Do	do	Cow			22.50
			Total for month	36.00		100.22
			Grand total	4,840.21	146.66	4,927.43
1890.	W. H. H. Griffith	Experiment station	Cabbages			\$13.45
Aug. 16	Theobald Smith	Laboratory	Salary, August	\$189.50		
31	F. L. Kilborne	Experiment station	do	151.60		
31	C. S. Myers	do	do	55.60		
			Total per month	396.70		13.45
Sept. 30	Theobald Smith		Salary, September	183.50		
30	F. L. Kilborne		do	146.80		
30	C. S. Myers		do	53.80		
			Total for month	384.10		
Oct. 31	Theobald Smith		Salary, October	189.50		
31	F. L. Kilborne		do	151.60		
31	C. S. Myers		do	55.60		
			Total for month	396.70		
Nov. 30	Theobald Smith		Salary, November	183.50		
30	F. L. Kilborne		do	146.80		
30	C. S. Myers		do	53.80		
			Total for month	384.10		

*Expended from the appropriation for 1890-'91—Continued.*

SWINE DISEASES—Continued.

Date.	Name.	Remarks.	For what paid.	Salaries.	Traveling expenses.	Miscellaneous.
1890. Dec. 31	Theobald Smith.....		Salary, December.....	\$189.50		
31	F. L. Kilborne.....		do.....	151.60		
31	C. S. Myers.....		do.....	55.60		
			Total for month.....	396.70		
1891. Jan. 14	F. L. Kilborne.....		Pigs.....			\$18.50
			Grand total.....	1,958.30		31.95

COLLECTING INFORMATION.

1890. Aug. 12	J. T. McNeely.....		Salary and expenses, July.....	\$134.80	\$63.42	
14	H. A. Heath.....		do.....	134.80	123.45	
31	A. G. Asdikian.....		Salary for August.....	101.10		
			Total for month.....	370.70	186.87	
Sept. 1	H. J. Harwi.....		Salary and expenses, July 10 to 31.....	83.70	51.60	
6	Watson Pickrell.....		Salary and expenses, August.....	260.00	140.65	
9	J. T. McNeely.....		Salary for August.....	134.80		
11	H. A. Heath.....		Expenses, July.....		75	\$8.50
11	do.....		Salary and expenses, August.....	134.80	57.75	6.35
11	Henry J. Harwi.....		Salary for August.....	117.90		
11	S. W. Campbell.....		Salary and expenses, August.....	134.80	39.37	
16	H. Romaine.....		do.....	134.80	33.00	
30	A. G. Asdikian.....		Salary for September.....	97.80		
			Total for month.....	1,098.60	323.12	14.85
Oct. 1	D. E. Salmon.....		Expenses, Sept 15 to 23.....		84.26	
9	H. Romaine.....		Salary and expenses, September.....	130.40		
10	S. W. Campbell.....		Salary for September.....	130.40		
10	H. J. Harwi.....		do.....	114.20		
10	H. A. Heath.....		Salary and expenses, September.....	130.40	54.05	
10	Watson Pickrell.....		do.....	260.00	62.70	
17	J. T. McNeely.....		do.....	130.40	47.75	
21	W. Dickson.....		Article, "Horse-shoeing".....			67.44



24	Chicago, Burlington, and Quincy R. Co.	Transportation	101.10	12.75	
31	A. G. Asdikian	Salary for October	996.90	261.51	67.44
		Total for month			
Nov. 5	H. A. Heath	Salary and expenses, October	134.80	75.40	6.00
7	Watson Pickrell	do	270.00	108.50	
11	H. Romaine	Salary for October	134.80		
11	S. W. Campbell	do	134.80		
11	H. J. Harwi	do	117.90		
17	J. T. McNeely	Salary and expenses, October	134.80	63.00	
22	J. A. Dodge	Salary and expenses, Oct. 15 to 31	64.67	39.10	.15
30	A. G. Asdikian	Salary for November	97.80		
		Total for month	1,089.57	286.00	6.15
Dec. 3	Watson Pickrell	Salary and expenses, November	250.00	119.70	
4	J. A. Dodge	do	114.20	1.68	
6	H. Romaine	Salary for November	130.40		
9	S. W. Campbell	do	130.40		
10	H. A. Heath	Salary and expenses, November	130.40	17.05	11.00
10	H. J. Harwi	Salary for November	114.20		
16	Boston and Maine R. R. Co.	Transportation		12.50	
19	J. T. McNeely	Salary and expenses, November	130.40	71.75	
26	Gulf, Colorado, and Santa Fé Rwy. Co.	Transportation		15.90	
31	A. G. Asdikian	Salary for December	101.10		
		Total for month	1,101.10	238.58	11.00
1891 Jan. 6	Watson Pickrell	Salary and expenses, December	270.00	105.65	
7	S. W. Campbell	Salary for December	134.80		
7	H. Romaine	do	134.80		
9	J. T. McNeely	do	134.80		
9	H. J. Harwi	do	117.90		
19	Atchafson, Topeka, and Santa Fé R. R. Co.	Transportation		15.91	
		Total for month	792.30	121.56	
		Topeka to Denver and return		36.30	
		Denver to Greeley		2.10	
		Cheyenne to Green River and return		33.00	
		Denver to Topeka		18.15	
		Denver to Cheyenne		4.30	
		Topeka to Lincoln		5.42	
		Kansas City to Omaha		6.15	
		Total		105.42	
		Grand total	5,449.17	1,523.06	99.44

## Transportation orders.

*Expended from the appropriation for 1890-'91—Continued.*

## REPORTED DISEASES.

Date.	Name.	Remarks.	For what paid.	Salaries.	Traveling expenses.	Miscellaneous.
1890. Sept. 16	A. W. Clement.....	Mississippi.....	Salary and expenses, Aug. 8 to 18.....	\$59.79	\$94.63	.....
Oct. 6	Geo. C. Faville.....	North Carolina.....	Salary and expenses, Sept. 27 to 30.....	30.00	34.65	.....
Oct. 9	C. B. Michener.....	Missouri.....	Salary and expenses, Sept. 11 to 19.....	72.00	115.15	.....
			Total for month.....	102.00	149.80	.....
Nov. 3	E. C. Schroeder.....	Virginia and Maryland.....	Salary and expenses, Oct. 21 and 27 to 30.....	16.30	20.48	.....
11	Geo. C. Faville.....	do.....	Salary and expenses, Oct. 20 to 22.....	30.00	21.90	.....
			Total for month.....	46.30	42.38	.....
Dec. 2	E. C. Schroeder.....	Maryland.....	Salary and expenses, Nov. 21.....	3.26	.85	.....
7	A. W. Clement.....	Virginia.....	Salary and expenses, Nov. 19 to 20.....	10.87	10.65	.....
31	William Folsetter.....	Texas.....	Salary and expenses, Oct. 28 to Nov. 11.....	120.00	82.05	.....
			Total for month.....	134.13	93.55	.....
			Grand total.....	342.22	380.36	.....

## STOCK YARDS AND EXPORT CATTLE INSPECTION.

1890 Aug. 12	T. L. Armstrong.....	Indianapolis.....	Salary and expenses, July.....	\$151.60	\$83.12	\$3.00
13	D. R. Alton.....	Pittsburg.....	Salary and expenses, July 16 to 31.....	52.17	26.34	.....
13	W. F. Braden.....	Pittsburg.....	Salary for July.....	84.20	.....	.....
16	A. M. Hunter.....	Kansas City.....	Salary and expenses, July.....	117.90	4.31	.....
21	Thos. W. Oshel.....	Springfield, Mo.....	Salary for July 15 to 31.....	55.43	.....	.....
			Total for month.....	461.30	113.77	3.00
Sept. 1	Jas. Irwin.....	East St. Louis.....	Salary and expenses, July.....	101.10	13.10	.....
6	W. Judson Smith.....	Pittsburg.....	Salary and expenses, Aug. 14 to 16.....	20.00	15.50	.....
6	W. F. Braden.....	Pittsburg.....	Salary for August.....	84.20	.....	.....
6	Albert Dean.....	Kansas City.....	do.....	151.60	.....	.....
6	A. M. Hunter.....	Springfield, Mo.....	Salary and expenses, August.....	117.90	23.98	.....
6	Thos. W. Oshel.....	Springfield, Mo.....	Salary for August.....	101.10	.....	.....

6	Howard Rhoads	Kansas City	do	101.10	101.10	7.59
6	C. E. Collins	do	do	101.10	101.10	1.78
8	Edw. Story	do	Salary and expenses, August	117.90	41.50	
9	A. J. McCoy	Kansas City	Salary for August	134.80		
10	S. H. Pierce	Chicago	do	127.17		
11	E. E. Hoover	Buffalo	Salary and expenses, Aug. 11 to 31	68.48	12.58	
11	J. M. Wardlaw	do	do	134.80	124.80	
12	T. L. Armstrong	do	do	151.60	64.07	
12	D. R. Alton	Indianapolis	do	101.10	65.97	
20	Jas. Irwin	East St. Louis	do	110.32	13.85	
4	Jas. H. Sanders	Great Britain	Salary and expenses, Aug. 5 to 19	175.50	178.00	
16	W. H. Wray	do	Salary and expenses, August	160.00	136.24	
16	J. H. Sanders	do	Salary and expenses, Aug. 20 to 31	135.00	102.80	2.48
16	A. D. Melvin	do	Salary and expenses, August	138.13	128.13	5.11
16	Jas. F. Ryder	do	do	151.60	78.12	
			Total for month	2,514.87	998.64	
			Expenses, July 23 to Sept. 8	434.53		
1	D. E. Salmon	Great Britain	Salary and expenses, September	97.80	30.00	
3	E. E. Hoover	Buffalo	Salary for September	130.40		
6	A. J. McCoy	Kansas City	do	97.80		
9	Howard Rhoads	do	do	97.80		
9	C. E. Collins	do	do	146.80		
9	Albert Dean	do	do	146.80	8.47	
9	T. L. Armstrong	do	Salary and expenses, September	146.80	15.15	
9	Jas. Irwin	East St. Louis	do	114.20		
9	S. H. Pierce	Chicago	Salary for September	130.40		
9	Thos. W. Osheal	Springfield, Mo	Salary and expenses, September	97.80		
9	A. M. Hunter	Kansas City	Salary for September	114.20		
9	W. F. Braden	Pittsburg	do	81.60		
11	J. M. Wardlaw	do	Salary and expenses, September	120.40	10.25	
14	Jas. F. Ryder	Great Britain	do	146.80	47.50	
14	W. H. Wray	do	do	300.00	127.20	
14	J. H. Sanders	do	do	351.00	272.95	2.25
14	A. D. Melvin	do	do	163.00	112.69	
17	D. R. Alton	do	do	97.80	20.90	
21	Edward Story	Indianapolis	do	114.20	53.50	
29	H. Baumgarten	do	15,000 tags		262.50	
			Total for month	2,558.80	1,141.89	
			Salary and expenses, October	117.90	62.65	
Nov. 11	Edward Story	Springfield	do	101.10	32.50	
11	Thos. W. Osheal	Kansas City	do	101.10	2.25	
11	Howard Rhoads	do	Salary for October	151.60		
11	Albert Dean	do	do	134.80		
11	J. M. Wardlaw	Chicago	do	134.80		
11	S. H. Pierce	Kansas City	do	134.80		
11	A. M. Hunter	do	do	117.90		
11	Chas. E. Collins	do	do	101.10		
11	D. R. Alton	Indianapolis	do	101.10		
11	W. F. Braden	Pittsburg	do	84.20		
11	A. Hoen & Co	do	Certificates			295.00



*Expended from the appropriation for 1890-'91—Continued.*

STOCK YARDS AND EXPORT CATTLE INSPECTION—Continued.

Date.	Name.	Remarks.	For what paid.	Salaries.	Traveling expenses.	Miscellaneous.
1890.						
Nov. 14	T. L. Armstrong	Great Britain	Salary and expenses, October	\$151.60	\$3.33	
14	W. H. Wray	do	do	310.00	146.08	\$4.44
14	A. D. Melvin	do	do	168.50	111.42	
14	Jas. F. Ryder	Buffalo	do	151.60	49.00	
17	E. E. Hoover	do	do	101.10	64.55	
17	H. Baumgarten	do	do			175.00
21	do	do	25,000 tags			437.50
22	Jas. Irwin	East St. Louis	Salary and expenses, October	117.90	18.00	
22	A. Hoen & Co.	do	Certificates			300.00
28	do	do	Salary and expenses, October	364.50	283.18	
29	J. H. Sanders	Great Britain	do			
			Total for month	2,510.80	772.96	1,211.94
Dec. 4	E. E. Hoover	Buffalo	Salary and expenses, November	97.80	30.00	
6	A. W. Clement	Baltimore	Salary and expenses, Nov. 1 to 18 and 21 to 30	152.13	50.50	
6	T. L. Armstrong	do	Salary for November	146.80		
6	S. H. Pierce	Chicago	do	130.40		
6	D. R. Alton	Indianapolis	do	97.80		
6	I. L. Ball	Baltimore	do	81.60		
6	W. F. Braden	Pittsburg	do	81.60		
6	Alex. Yearley & Son	Baltimore	do			10.00
6	Emily Lucas	do	Office rent	3.50		
6	H. Baumgarten	do	Janitor			525.00
9	Eugene K. Hendley	Boston	30,000 tags			
9	O. P. Vandenberg	Buffalo	Salary and expenses, Nov. 13 to 30	48.91	14.42	
9	Geo. C. Faville	Buffalo	Salary and expenses, Nov. 15 to 30	43.56	26.70	
9	C. B. Michener	Baltimore	Salary and expenses, November	270.00	130.65	
9	W. H. Rose	New York	do	224.00	13.21	
10	Howard Rhoads	Kansas City	do	192.00	60.25	10.34
10	George Carter	do	do	97.80	2.75	
10	Henry Brister	Philadelphia	do	81.60	3.27	
10	George Cornish	New York	Salary and expenses, Nov. 8 to 30	74.97	16.51	
10	Wm. Foley	do	do	62.58	16.66	
10	C. A. Forshew	do	do	62.58	16.66	
10	Hiram Jerome	do	do	62.58	16.56	
10	James Welch	do	do	19.10	14.59	
10	A. M. Hunter	do	Salary and expenses, Nov. 24 to 30	19.10	1.98	
10	J. M. Wardlaw	do	Salary for November	114.20		
10	Thos. W. Oshel	Springfield, Mo	do	130.40		
10	Albert Dean	Kansas City	do	97.80		
10	Chas. E. Collins	do	do	146.80		
10				97.80		

10	Edwin S. Huff	Philadelphia	do	Salary and expenses, November	81.60	32.50	10.14
12	Edward Story	do	do	do	114.20	164.75	40.00
12	R. W. Hickman	Chicago	do	Ringers, etc.	163.00		
12	Geo. G. Standart & Co	do	do	Salary for Nov. 24 to 29	15.00		
12	Alex. Taylor	do	do	do	15.00		
12	Dani. H. McArthur	do	do	do	15.00		
12	Feno E. Smith	do	do	do	15.00		
12	Dighton Granger	do	do	Salary for Nov. 25 to 29	12.50		
12	Matthew Kaas	do	do	do	12.50		
12	Robt. Willis	do	do	Office signs	10.00		
12	Daniel H. McEnery	do	do	Salary for Nov. 26 to 29	10.00		
12	Burt R. Law	do	do	do	10.00		
12	Joseph C. Whitney	do	do	do	10.00		
12	Wm. Ewers	do	do	Salary for Nov. 25 to 29	10.00		
12	J. F. Clark	do	do	Salary for Nov. 27 to 29	7.50		
12	Wm. B. Willis	do	do	Salary for Nov. 29	2.50		
12	A. F. Andrews	do	do	Cablegram			
12	Western Union Telegraph Co	do	do	Salary and expenses, November	300.00	128.61	
16	W. H. Wray	Great Britain	do	do	163.00	102.48	
16	A. D. Melvin	do	do	do	146.80	74.00	
16	J. F. Ryder	do	do	Expenses, November		90.95	
16	T. L. Armstrong	do	do	Office furniture		114.00	
16	A. H. Andrews & Co	Chicago	do	Salary for Nov. 10 to 30	68.48		
16	James E. Drom	do	do	Office rent	108.00		10.00
16	Ross & Austin	do	do	Salary and expenses, Nov. 10 to 29	38.04	3.04	
17	Daniel Gano	New York	do	Salary and expenses, Nov. 9 to 22	21.82	36.00	
17	Wm. H. Bogart	Chicago	do	Salary and expenses, Nov. 23 to 30	47.50	39.73	
17	James Boyd	Baltimore	do	Salary and expenses, Nov. 12 to 30	47.50	23.10	
17	D. Holland	do	do	do	47.50	18.15	
17	Robt. Fisher	do	do	Salary and expenses, Nov. 20 to 30	27.50	19.44	
17	Fred'k Gross	New York	do	Salary for November	163.00		
17	Thomas Goutland	do	do	Salary and expenses, Nov. 15 to 30	86.91	55.55	
18	Jas. A. Walrath	Buffalo	do	Salary and expenses, Nov. 14 to 30	46.27	50.25	
18	Thos. Coyle	Boston	do	Salary and expenses, Nov. 22 to 30	34.24	1.22	
18	Wm. H. Way	do	do	Salary and expenses, Nov. 19 to 29	25.00	1.94	
18	Chas. F. Raymond	do	do	do	25.00		
18	Lewis L. Bullard	do	do	Office rent	25.00		25.00
18	C. A. Richards	do	do	Salary and expenses, Nov. 20 to 29	22.50	1.70	
18	Luther Holton	do	do	Hog rings			15.00
18	Bogardus, Ellaby & Ellsworth	do	do	Salary for Nov. 24 to 30	19.02		
18	John W. Hichings	do	do	Salary and expenses, Nov. 20 to 29	22.50	1.92	
18	Guy A. Adams	Buffalo	do	Stationery			59.98
18	John Bingham	New York	do	Hog rings, etc			24.75
18	Bogardus, Ellaby & Ellsworth	do	do	Office signs			10.00
18	Haas & Freid	do	do	Lumber			9.68
18	Dodge & Co	do	do	do			350.00
18	Chas. L. Bucki & Co	do	do	20,000 tags			9.17
18	H. Baumgarten	Boston	do	Expenses, November		13.51	
18	Alvord H. Rose	do	do	Taggers, November		96.17	
19	do	do	do	Stationery	27.50	.96	
19	J. H. Mann	Philadelphia	do	do			41.85

## Expended from the appropriation for 1890-'91—Continued.

## STOCK YARDS AND EXPORT CATTLE INSPECTION—Continued.

Date.	Name.	Remarks.	For what paid.	Salaries.	Traveling expenses.	Miscellaneous.
1890						
Dec. 19	James M. Ramsey	Philadelphia.	Building chute			\$35.36
20	W. B. E. Miller	do	Salary and expenses, November	\$130.40	\$66.62	
23	Jas. Irwin	East St. Louis	do	114.20	18.40	
23	C. J. Stewart & Sons	Baltimore	Hog rings, etc			92.35
23	Wm. Schwarzwaldler & Co	New York	Furniture			104.40
23	Sheppard Knapp & Co	do	do			26.50
23	Vanderbeck & Sons.	do	Lumber			17.78
23	William P. More.	Chicago	Salary for Dec. 2 to 6.	11.25		
23	Edward Brundige	do	Salary for Nov. 27	2.50		
26	Asa B. Fargo	Baltimore	Building chutes			63.70
26	Geo. C. Paville	do	Expenses, November.			11.90
26	Martin, Fuller & Co	Philadelphia.	Building chute			23.36
26	Wm. Ewers	Chicago	Salary for Dec. 1 to 6	15.00		
26	S. A. Maxwell & Co.	do	Stationery			9.40
26	do	do	do			3.66
26	do	do	do			.88
26	S. D. Childs & Co	do	Blanks			6.50
27	J. B. Van Seiver & Co.	Philadelphia.	Furniture			100.00
29	Bureau of Engraving and Printing		Inspection stamps			401.00
31	Chas. L. Bucki & Co	New York	Lumber			11.20
31	John N. Lester	Buffalo	Salary and expenses, Nov. 19 to 29	25.00	2.12	
31	Thos. W. Farthing	do	do	25.00	2.12	
			Total for month	4,986.12	1,371.71	2,312.74
1891.						
Jan. 3	Feno E. Smith.	Chicago.	Salary, Dec. 1 to 23	62.50		7.50
3	J. H. Brown & Co	Buffalo	Hog rings.			
6	W. Judson Smith	do	Salary and expenses, Dec. 9 to 10	20.00	24.50	
6	Thomas Coyle	Boston.	Salary and expenses, December.	84.20	26.86	
6	Edward Story.	do	do	117.60	47.75	
6	John W. Hichings	Boston.	do	84.20	6.98	
6	E. R. Hendley	do	do	84.20	4.48	
7	R. W. Hickman	Chicago	do	168.50	59.75	16.48
7	S. H. Pierce	do	Salary for December	134.80		
7	Wm. H. Way.	Boston.	Salary and expenses, December.	117.90	6.26	
7	A. M. Hunter	Kansas City	Salary for December	117.90		
7	D. R. Alton	Indianapolis	do	101.10		
7	W. F. Braden.	Pittsburg	do	84.20		
7	H. Baumgarten	do	50,000 tags			875.00
9	Jas. A. Warath.	Buffalo	Salary and expenses, Dec. 1 to 21	114.13	56.75	
9	Chas. F. Raymond	Boston.	Salary and expenses, December.	67.50	6.74	



9	L. L. Bullard.....	do	do	67.50	6.74	.....
9	Luther Holton.....	do	do	67.50	6.02	.....
9	W. H. Rose.....	Kansas City	do	208.00	5.25	2.75
9	Albert Dean.....	do	do	151.60	.....	.....
9	Howard Roads.....	do	do	134.80	.....	.....
9	Chas. E. Collins.....	do	do	101.10	.....	.....
9	Joseph Bruser.....	do	do	64.67	.....	.....
9	New England Telephone and Tele- graph Co.	Boston	Salary and expenses, Dec. 15 to 31	.....	.....	10.00
9	T. L. Armstrong.....	Pittsburg	Salary and expenses, December	151.60	27.50	1.27
10	Ch. E. Michener.....	New York	do	208.00	10.38	4.40
			Total for month	2,513.80	285.86	917.40
			Grand total	15,545.69	4,694.83	4,719.20

## IMPORT INSPECTION.

1890.						
Nov. 29	F. E. Parsons.....	West Superior	Expenses, Nov. 11 to 19	.....	\$74.02	.....
	Baltimore and Ohio R. R. Co.		Transportation	.....	55.75	.....
			Total for month	\$129.77	129.77	.....
Dec. 12	John T. Claris.....	Buffalo	Salary and expenses, Nov. 15 to 30	\$78.26	2.80	\$3.40
16	F. E. Parsons.....	West Superior	Salary and expenses, Nov. 13 to 30	68.48	31.69	.....
23	Jos. Hawkins.....	Detroit	Salary and expenses for November	114.20	3.75	.....
23	Frank H. Miller.....	Burlington	Salary for November	114.20	.....	.....
23	John A. Bell.....	Watertown	Salary and expenses, November	114.20	8.68	.....
			Total for month	489.34	46.92	3.40
1891.						
Jan. 6	F. E. Parsons.....	West Superior	Salary and expenses, Dec. 1 and 7 to 31	98.88	14.50	.....
6	John E. Miller.....	Brownsville	Salary and expenses, November	97.80	57.25	.....
			Total for month	196.68	71.75	.....
			Grand total	686.02	248.44	3.40

*Expended from the appropriation for 1890-'91—Continued.*

WASHINGTON AND MISCELLANEOUS.

Date.	Name.	Remarks.	For what paid.	Salaries.	Traveling expenses.	Miscellaneous.
1890.						
Aug. 8	A. Liantard	American Veterinary Review	Subscription			\$2.00
12	Capitol, North O Street and South Washington Rwy. Co.		Car tickets			12.50
14	Lawyer's Cooper. Pub. Co.		Supreme Court Report.			5.00
16	S. Hoxie		Advanced Register Holstein-Friesian Association of America, 3 vols.			4.80
20	Wyckoff, Seamans & Benedict.		Repairs			32.50
21	E. A. v. Schweinitz		Expenses, August.		\$56.55	
31	D. E. Salmon		Salary for August	\$252.70		
31	E. B. Jones		do	126.40		
31	W. J. Cowing		do	168.50		
31	A. M. Farrington		do	180.50		
31	Robt. S. Forbes		do	151.60		
31	Miles Fuller		do	151.60		
31	Geo. A. Martin		do	151.60		
31	Mary Sullivan		do	117.90		
31	W. P. Spurgeon		do	101.10		
31	Wm. B. Cravath		do	101.10		
31	M. T. Dent		do	84.20		
31	M. G. Marshall		do	84.20		
31	Wilson Carey		do	60.60		
31	Henry Halliday	Carpenter	Salary for August, 6 days.	18.00		
			Total for month	1,759.00	56.55	57.80
Sept. 9	Geo. W. Knox		Charges			6.21
11	W. B. Moses & Sons		Furniture			175.00
11	Libbey, Bitinger & Miller.		Lumber			12.86
16	United States Express Co.		Charges			3.45
17	Adams Express Co.		do			13.90
19	do		do			9.45
20	Geo. E. Hutchins.		Plumbing, etc			155.50
27	Capitol, North O Street and South Washington Rwy. Co.		Car tickets			12.50
30	D. E. Salmon		Salary for September	244.60		
30	E. B. Jones		do	122.20		
30	W. J. Cowing		do	163.00		
30	A. M. Farrington		do	183.50		
30	Robt. S. Forbes		do	146.80		
30	Miles Fuller		do	146.80		
30	Geo. A. Martin		do	146.80		

30	Mary Sullivan		do	114.20	
30	W. P. Spurgeon		do	114.20	
30	Wm. B. Cravath		do	97.80	
30	M. T. Dent		do	81.60	
30	M. G. Marshall		do	81.60	
30	Wilson Carey		do	58.80	
	Total for month	\$2,090.77		1,701.90	388.87
9	J. B. Chamberlain		Paper		2.16
9	Chesapeake and Potomac Telephone Co.		Rental		33.00
10	L. H. Hopkins		Hardware		3.92
14	Edmund J. Moffat		Cablegrams		14.10
17	Chas. W. Porter		Legislative act, Vermont		.50
17	Phil. M. Springer		American Berkshire Record		30.00
17	W. H. Morris		Central Poland-China Record		17.00
17	do		Chester White Record		2.50
17	J. McLain Smith		Red Polled Herd Book		2.15
17	Geo. W. McBride		Legislative act, Oregon		7.50
17	B. M. Thomas		Legislative act, New Mexico		7.00
17	Leon A. La Croix		Legislative act, Montana		3.00
17	Root, L. Taylor		Legislative act, Tennessee		2.00
17	Columbia Phonograph Co.		Rental		42.50
21	Frank H. Duntion		Duntion's Register; Horse-Breeders' Directory		5.25
23	United States Express Co.		Charges		3.70
23	John Gilmore		American Poland-China Record		16.00
25	Adams Express Co.		Charges		8.35
30	Daniel Geary		Pedigree blanks		2.00
31	D. E. Salmon		Salary for October	952.70	
31	E. B. Jones		do	126.40	
31	W. J. Cowing		do	168.50	
31	A. M. Farrington		do	189.60	
31	Robt. S. Forbes		do	151.60	
31	Miles Fuller		do	151.60	
31	Geo. A. Martin		do	151.60	
31	Mary Sullivan		do	117.90	
31	W. P. Spurgeon		do	117.90	
31	Wm. B. Cravath		do	101.10	
31	M. T. Dent		do	84.20	
31	M. G. Marshall		do	84.20	
31	Wilson Carey		do	60.00	
31	Melville Reed		Salary for October 11 to 31	27.39	
31	D. L. McDevitt		Salary for October	55.60	
	Total for month	\$2,045.42		1,840.79	204.63
Nov. 8	Geo. Harding		American Cotswold Record		7.50
11	Edmund J. Moffat		Expenses, September and October	7.41	6.99
12	Schreiber & Sons		Expenses, Nov. 15	8.25	250.00
22	D. G. Hatch		Expenses, Nov. 13 to 20	31.63	
24	Talma Drew				



*Expended from the appropriation for 1890-'91—Continued.*

WASHINGTON AND MISCELLANEOUS—Continued.

Date.	Name.	Remarks.	For what paid.	Salaries.	Traveling expenses.	Miscellaneous.
1890.						
Nov. 25	Easton & Rupp		Stationery			\$9. 75
29	Geo. A. Martin		Expenses, Oct. 29 to Nov. 10		\$91. 25	30. 45
29	B. J. Laws		Picture frames			
29	Chas. A. Freedman	Carpenter.	Salary for November.	\$9. 00		
30	D. E. Salmon		do	244. 60		
30	E. B. Jones		do	122. 20		
30	W. J. Cowing		do	163. 00		
30	A. M. Farrington		do	183. 50		
30	Robt. S. Forbes		do	146. 80		
30	Miles Fuller		do	146. 80		
30	Geo. A. Martin		do	114. 20		
30	Mary Sullivan		do	114. 20		
30	W. F. Spurgeon		do	97. 80		
30	Wm. B. Cravath		do	52. 17		
30	James C. Hoce		Salary for Nov. 15 to 30	81. 60		
30	Mary T. Dent		Salary for November.	81. 60		
30	M. G. Marshall		do	58. 80		
30	Wilson Carey		do	39. 20		
30	Melville Reed		do	53. 80		
30	D. L. McDewitt		do	61. 14		
30	D. G. Hatch		Salary for Nov. 16 to 30			
			Total for month	1, 917. 21	138. 54	394. 69
Dec. 2	L. H. Schneider's Son		Pliers			1. 70
3	Wyckoff, Seamans & Benedict.		Typewriter, etc			127. 00
4	C. H. Wilmerding		Hanging lamps, etc			18. 91
6	H. Baumgarten		Stamp			2. 80
8	John C. Parker		Stationery			82. 80
10	W. Judson Smith		Salary and expenses Nov. 14 to 20	60. 00	51. 73	
10	Capitol, North O street and South Washington Ry Co.		Car tickets			12. 50
17	A. Hoen & Co.		Illustrations			5, 735. 00
18	Gayton A. Douglas & Co		Chemicals, etc.			13. 25
18	Geo. W. Knox		Charges			. 25
18	H. Baumgarten		Rubber stamp.			4. 00
18	J. C. Parker		Labels			. 55
19	D. E. Salmon		Expenses Nov. 3 to 22		147. 10	1. 25
22	Edmund J. Moffat		do			4. 23
23	W. B. Moses & Sons		Furniture.			96. 50
27	U. S. Express Co.		Charges.			10. 45

31	D. E. Salmon.....	Salary for December.....	252.70	.....	.....
31	E. B. Jones.....	do.....	126.40	.....	.....
31	W. J. Cowing.....	do.....	168.50	.....	.....
31	A. M. Farrington.....	do.....	189.50	.....	.....
31	Robt. S. Forbes.....	do.....	151.60	.....	.....
31	Miles Fuller.....	do.....	151.60	.....	.....
31	Geo. A. Martin.....	do.....	151.60	.....	.....
31	Mary Sullivan.....	do.....	117.90	.....	.....
31	W. P. Spurgeon.....	do.....	117.90	.....	.....
31	D. G. Hatch.....	do.....	126.40	.....	.....
31	Wm. B. Cravath.....	do.....	101.10	.....	.....
31	Jas. C. Hoob.....	do.....	84.20	.....	.....
31	M. T. Dent.....	do.....	84.20	.....	.....
31	M. G. Marshall.....	do.....	60.60	.....	.....
31	Wilson Carey.....	do.....	55.60	.....	.....
31	D. L. McDewitt.....	do.....	40.40	.....	.....
31	Melville Reed.....	do.....	.....	.....	.....
Total for month.....			2,141.50	198.83	6,111.19
1891.					
Jan. 5	Chesapeake and Potomac Telephone Co.	Rental.....	.....	.....	33.00
6	F. E. Parsons.....	Salary and expenses Dec. 2-6.....	19.02	37.85	.....
9	Columbia Phonograph Co.....	Rental.....	.....	.....	42.50
19	L. P. Muir.....	Galloway herd book.....	.....	.....	4.50
19	R. P. Stericker.....	American Cleveland Bay stud book.....	.....	.....	2.50
Total for month.....			19.02	37.85	82.50
Grand total.....			9,379.22	431.77	7,149.68

*Expended from the appropriation (\$350,000) for the fiscal year ending June 30, 1891.*

	Salaries.	Traveling expenses.	Miscellaneous.	Affected cattle.	Exposed cattle.	Total.	Number of animals—	
							Affected.	Exposed.
New York.....	\$41,415.89	\$6,073.21	\$2,897.32	\$676.63	\$4,225.55	\$55,288.60	24	170
New Jersey.....	17,733.72	4,971.21	543.45	.....	218.00	23,466.38	.....	9
Pennsylvania.....	376.40	4.14	.....	.....	.....	380.54	.....	.....
Maryland.....	697.11	147.22	3.75	.....	20.00	868.08	.....	2
Scientific investigations.....	8,189.32	241.09	16,551.74	.....	.....	24,982.15	.....	.....
Swine diseases.....	2,848.50	58.92	1,999.53	.....	.....	4,906.95	.....	.....
Collecting information.....	7,888.87	1,440.72	1,266.89	.....	.....	10,596.48	.....	.....
Reported diseases.....	204.35	266.73	60.00	.....	.....	531.08	.....	.....
Export cattle and stock yards' inspection.....	57,499.64	10,042.45	10,295.79	.....	.....	77,837.88	.....	.....
Import cattle inspection.....	5,728.80	813.89	131.05	.....	.....	6,673.74	.....	.....
Meat inspection.....	9,300.80	622.26	14,202.23	.....	.....	24,125.29	.....	.....
Washington and miscellaneous.....	15,892.14	611.66	26,914.72	.....	.....	43,418.52	.....	.....
Total.....	167,775.54	25,283.50	74,866.47	676.63	4,463.55	273,075.69	24	181



Expended from the appropriation for 1890-'91, by States.

## NEW YORK.

Date.	Name.	Remarks.	For what paid.	Salaries.	Traveling expenses.	Miscellaneous.	Affected cattle.	Exposed cattle.
1890. July 19	Leon E. Block	Assistant.	Salary for July 1 to 9	\$24.46				
Aug. 6	H. S. Vanderhoff		Salary and expenses, July	134.80	\$49.52			
6	H. D. Gill		do	134.80	45.00			
6	Roscoe R. Bell		do	134.80	45.00			
6	Geo. G. VanMater		do	117.90	45.00			
6	Richard Kay		do	151.60	4.28			
6	Edward Devoe	Clerk	Salary for July	151.60				
6	W. H. Pendry		Salary and expenses, July	117.90	14.27			
6	Jas. B. Docharty	Clerk	Salary for July	126.40				
6	Daniel G. Hatch	do	do	101.10				
6	Henry Brister		Salary and expenses, July	7.32				
6	Chas. A. Wilcox	Clerk	do	101.10	7.32			
6	Chas. A. Forshev	do	do	84.20	7.72			
6	O. P. Vandenberg	Assistant.	do	84.20	3.77			
6	F. Hallenback	do	do	84.20	2.62			
6	H. B. Ambler		do	208.00	44.72			
6	N. H. Paeren		do	208.00	10.42			
6	R. W. Hickman		do	168.50	45.00			
6	Jas. A. Walrath		do	168.50	45.00			
6	W. J. Watt et al.	Disinfectors	do	1,425.70				
6	James Smith	Assistant	Salaries, July	84.20				
6	G. L. Cohen	do	Salary for July	84.20				
6	Alex. Devlin, jr.	do	do	84.20				
6	Adolph Beyers	Clerk	do	84.20				
6	Wm. H. Bogart	Assistant	do	84.20				
6	J. F. Kilner	Clerk	do	84.20				
6	J. J. Rabineau	do	do	84.20				
6	J. J. Hearne	do	do	84.20				
8	W. J. Jundson Smith		Salary and expenses for July	270.00	174.21			
8	C. B. Michener		do	248.00	9.32			
8	E. Valentine	Assistant	do	84.20	34.52			
8	P. C. Vandewater	do	do	84.20	32.52			
8	Austin Cornwell	do	do	84.20	32.32			
8	Michael Nan	do	do	84.20	30.82			
8	J. S. Sargent	do	do	84.20	30.00			
8	F. H. Pendleton	do	do	84.20	30.00			
8	Wm. W. Hughes	do	do	84.20	7.97			
8	Wm. J. Taylor	do	do	84.20	6.52			
8	Geo. Cornish	do	do	84.20	6.50			
8	Jas. K. Taylor	do	do	84.20	5.72			

*Expended from the appropriation for 1890-'91, by States—Continued.*  
NEW YORK—Continued.

Date.	Name.	Remarks.	For what paid.	Salaries.	Traveling expenses.	Miscellaneous.	Affected cattle.	Exposed cattle.
1890.								
Aug. 8	Samuel Jarvis.....	Assistant.....	Salary and expenses for July	\$84.20	\$5.48			
8	Chas. E. Grogan.....	do.....	do.....	84.20	5.47			
8	Fred'k Metzger.....	do.....	do.....	84.20	5.32			
8	John Mestek.....	do.....	do.....	84.20	4.92			
8	James Welch.....	do.....	do.....	84.20	3.90			
8	C. H. Bliss.....	do.....	do.....	84.20	3.85			
8	C. S. Vosburgh.....	do.....	do.....	84.20	2.22			
8	John W. S. Ortiz.....	do.....	Salary and expenses, July 10 to 31	59.78	3.12			
8	Wm. Foley.....	do.....	Salary for July	84.20				
8	John H. Eadie.....	do.....	do.....	84.20				
8	E. H. Flavin.....	do.....	do.....	84.20				
8	Hiram Jerome.....	do.....	do.....	84.20				
8	Chas. H. Perry.....	do.....	Salary for July 15 to 31	73.91				
8	do.....	do.....	Salary for July 1 to 14	53.26				
9	Jos. H. Storm.....	Appraiser.....	Salary and expenses for July	101.10	99.78			
9	Jas. H. Clark.....	do.....	do.....	101.10	52.40			
			Total for month.....	\$8,137.45	958.80			
1891.								
Jan. 12	Fred'k Metzger.....	Assistant.....	Salary and expenses, December	84.20	6.36			
12	J. W. S. Ortiz.....	do.....	Office rent	84.20	3.47			
12	Edward T. Jenkins.....	Brooklyn.....	Rental, etc.			\$45.00		
12	New York and New Jersey Telephone Co.	do.....				36.40		
12	C. Dirlam.....	Disinfecter.....	Salary for December (4 days)	20.00				
12	C. Frank.....	Janitor.....	Services, December			10.00		
17	F. L. Butzgy.....	Kings County.....	22 animals					\$761.44
17	do.....	do.....	5 animals					
19	A. K. Robertson.....	do.....	Salary and expenses, December	324.00	9.45			\$187.98
19	Theo. Bartow & Sons.....	New York.....	Bleaching powder			48.63		
19	Bogardus, Ellaby & Ellis worth.	do.....	Locks, etc.			42.00		
19	G. W. Gregory.....	do.....	Coal.....			5.75		
19	Nassau Gaslight Co.....	Brooklyn.....	Charges			3.45		
19	John Bingham.....	New York.....	Stationery			53.85		
21	Earl A. Gillespie.....	E. New York.....	Lumber			11.67		
23	Catherine Douglas.....	Kings Co.....	1 animal					15.00
24	A. K. Robertson.....	do.....	Expenses, December			9.82		
24	Brock & Lindemann.....	Brooklyn.....	Changing doors		30.56			
28	Jacob Strauss.....	Queens County.....	15 animals			5.19		330.78

28	do	1 animal	Total for month	\$2,178.03	521.40	49.84	271.76	201.81	13.83	15.00
28	E. V. Hubbs	do	do	do	do	do	do	do	do	20.00
28	Wm. L. Bennett	do	do	do	do	do	do	do	do	do
	Kings County	do	do	do	do	do	do	do	do	do
	Richard Kay	do	Salary and expenses, January	do	155.00	4.12	do	do	do	do
5	Roscoe R. Bell	do	do	do	137.80	45.00	do	do	do	do
5	W. J. Watt et al	Disinfectors, etc.	Salaries, January	do	684.50	do	do	do	do	do
6	Henry B. Ambler	do	Salary and expenses, January	do	248.00	9.47	do	do	do	do
6	Jas. A. Walrath	do	do	do	172.20	64.90	.10	do	do	do
6	N. H. Paaren	do	do	do	208.00	11.57	do	do	do	do
6	H. S. Vanderhoff	do	do	do	137.80	54.93	do	do	do	do
6	H. D. Gill	do	do	do	137.80	45.00	do	do	do	do
6	W. H. Pendry	do	do	do	137.80	43.02	do	do	do	do
6	Austin Cornwell	Assistant	do	do	86.10	30.00	do	do	do	do
6	Michael Nan	do	do	do	86.10	30.00	do	do	do	do
6	P. C. Vandewater	do	do	do	86.10	30.00	do	do	do	do
6	Wm. J. Taylor	do	do	do	86.10	9.32	do	do	do	do
6	Wm. W. Hughes	do	do	do	86.10	8.72	do	do	do	do
7	Fred'k Metzger	do	Salary for January	do	86.10	do	do	do	do	do
7	E. H. Flavin	do	Salary and expenses, January	do	86.10	2.72	do	do	do	do
7	Samuel Jarvis	do	do	do	86.10	.97	do	do	do	do
7	J. W. S. Ortiz	do	do	do	86.10	3.02	do	do	do	do
7	Jas. R. Taylor	do	do	do	86.10	6.82	do	do	do	do
7	C. S. Vosburgh	do	do	do	86.10	7.14	do	do	do	do
7	James Welch	do	do	do	86.10	7.69	do	do	do	do
7	Chas. E. Grogan	do	do	do	86.10	8.72	do	do	do	do
7	Clerk	do	do	do	103.30	1.37	do	do	do	do
7	Chas. A. Wilcox	do	do	do	86.10	30.00	do	do	do	do
7	E. Valentine	Assistant	do	do	86.10	30.00	do	do	do	do
7	J. S. Sargent	do	do	do	86.10	30.00	do	do	do	do
7	F. H. Pendleton	do	do	do	86.10	30.00	do	do	do	do
7	Jas. H. Clark	Appraiser	do	do	103.30	58.78	do	do	do	do
7	Chas. H. Perry	do	do	do	137.80	36.12	do	do	do	do
7	Jos. H. Storm	do	do	do	103.30	109.34	do	do	do	do
9	Edward Devoe	Appraiser	do	do	155.00	do	do	do	do	do
9	Jes. B. Docherty	Clerk	Salary for January	do	129.20	do	do	do	do	do
9	John F. Kilner	do	do	do	103.30	do	do	do	do	do
9	Jos. J. Kearne	do	do	do	86.10	do	do	do	do	do
9	L. E. Block	do	do	do	86.10	do	do	do	do	do
9	J. J. Rabineau	do	do	do	86.10	do	do	do	do	do
9	F. Hallenbeck	do	do	do	86.10	do	do	do	do	do
9	John H. Eadie	Assistant	do	do	86.10	do	do	do	do	do
9	James Smith	do	do	do	86.10	do	do	do	do	do
9	Alex. Devlin, Jr	do	do	do	86.10	do	do	do	do	do
9	Adolph Bevers	do	do	do	86.10	do	do	do	do	do
9	G. L. Cohn	do	do	do	86.10	do	do	do	do	do
9	S. T. Velsor	do	do	do	86.10	30.12	do	do	do	do
9	B. B. Mullen	do	Salary and expenses, January	do	86.10	6.27	do	do	do	do
9	C. H. Bliss	do	do	do	86.10	5.52	do	do	do	do
9	John Mesitok	do	do	do	86.10	5.52	do	do	do	do
12	W. Judson Smith	do	do	do	270.00	127.71	do	do	do	do

Feb.



*Expended from the appropriation for 1890-'91 by States—Continued.*

NEW YORK—Continued.

Date.	Name.	Remarks.	For what paid.	Salaries.	Traveling expenses.	Miscellaneous.	Affected cattle.	Exposed cattle.
1891.								
Feb. 18	A. K. Robertson	Queens County	Salary and expenses, January	\$324. 00	\$6. 73	\$12. 62		
18	do.	Brooklyn	Expenses for January		16. 80	500. 00		
19	Anna Weinmann	New York	Destruction of barn			45. 00		
19	Edward T. Jenkins	do.	Office rent			38. 63		
19	Rogardus, Ellaby & Ellsworth.	Brooklyn	Hog rings, etc.			26. 25		
19	Canda & Kane.	do.	Coal			17. 25		
19	Thomas F. Taylor	New York	Stationery			12. 53		
19	John Bingham.	E. New York	Lumber			12. 40		
19	Earl A. Gillespie	Brooklyn	Janitor			10. 00		
19	C. Frank	do.	Charges			2. 10		
19	Nassau Gaslight Co		Total for month.	5, 945. 00	917. 41	676. 90		
			\$7,539.31					
Mar.								
5	Edward Devoe.	Clerk	Salary for February	140. 00				
5	Jas. B. Docharty	do.	do	116. 60				
5	John F. Kilner.	do.	do	93. 40				
5	J. J. Hearne	do.	do	77. 80				
5	L. E. Block.	do.	do	77. 80				
5	J. J. Rabineau	do.	do	77. 80				
5	F. Hallenbeck	do.	do	77. 80				
5	Jas. Smith	Assistant.	do	77. 80				
5	Alex. Devlin, Jr.	do.	do	77. 80				
5	Adolph Bevers	do.	do	77. 80				
5	G. L. Cohn	do.	do	77. 80				
5	John H. Eadie	do.	do	77. 80				
5	Fred'k Metzger	do.	do	77. 80				
5	Chas. A. Wilcox	Clerk	Salary and expenses, February	93. 40	1. 78			
6	H. B. Ambler	do.	do	224. 00	9. 33			
6	N. H. Pauren.	do.	do	184. 00	10. 47			
6	R. S. Vanderhoff	do.	do	124. 40	51. 20			
6	Koscoe R. Bell	do.	do	124. 40	45. 00			
6	W. H. Pendry	do.	do	124. 40	39. 97			
6	Richard Kay	do.	do	140. 00	2. 98			
6	S. T. Velsor	Assistant.	do	77. 80	30. 12	1. 05		
6	F. H. Pendleton	do.	do	77. 80	30. 00			
6	Austin Cornwell	do.	do	77. 80	30. 00			
6	J. S. Sarrent	do.	do	77. 80	30. 00			
6	Michael Nau	do.	do	77. 80	30. 00			
6	E. Valentine	do.	do	77. 80	30. 00			
6	Wm. J. Taylor	do.	do	77. 80	8. 72			

6	Chas. E. Grogan.....	do	do	77.80	8.62			
6	C. H. Bliss.....	do	do	77.80	4.12			
6	John Mesick.....	do	do	77.80	4.92			
6	Jas. R. Taylor.....	do	do	77.80	3.12			
6	E. H. Flavin.....	do	do	77.80	2.52			
7	Jas. A. Walrath.....	do	do	155.60	45.00			
7	Jos. H. Storm.....	Appraiser	do	93.40	96.23			
7	H. D. Gill.....	do	do	124.40	45.00			
7	Chas. H. Perry.....	do	do	124.40	33.12			
7	Jas. H. Clark.....	Appraiser	do	93.40	48.85			
7	P. C. Vandewater.....	Assistant.	do	77.80	30.00			
7	Wm. W. Hughes.....	do	do	77.80	8.62			
7	James Welch.....	do	do	77.80	6.78			
7	C. S. Vosburgh.....	do	do	77.80	6.36			
7	E. B. Mullen.....	do	do	77.80	6.17			
7	J. W. S. Ortiz.....	do	do	77.80	2.47			
7	Samuel Jarvis.....	do	do	77.80	.32			
7	W. J. Watt <i>et al</i> .....	Disinfectors, etc	do	732.50				
7	Edward T. Jenkins.....	Brooklyn	Office rent		45.00			
7	C. Frank.....	do	Janitor		10.00			
7	Anna Weinmann.....	Queens County	9 animals			\$20.58		\$300.66
7	Michael Derleth.....	do	8 animals					
7	Catherine Quinn.....	do	7 animals					182.60
7	Conrad Reh.....	do	5 animals					162.70
7	John Genett.....	do	1 animal					38.24
9	W. Judson Smith.....	do	do	240.00	84.12			10.00
17	A. K. Robertson.....	do	Salary and expenses, February	288.00	5.78			
17	C. F. Walker & Co.....	New York	Expenses for February		8.61			
17	do	Brooklyn	Record books		62.00			
18	Nassau Gaslight Co.....	do	Charges		2.40			
			Total for month.....	5,472.50	812.35	129.06	220.58	694.20
4	Edward Devoe.....	Clerk	Salary for March	155.00				
4	Jas. B. Docharty.....	do	do	129.20				
4	J. F. Kilner.....	do	do	103.30				
4	Jos. J. Hearne.....	do	do	86.10				
4	Leon E. Block.....	do	do	86.10				
4	J. J. Rabineau.....	do	do	86.10				
4	F. Hallenbeck.....	do	do	86.10				
4	J. H. Eadie.....	Assistant	do	86.10				
4	Alex. Devlin, jr.....	do	do	86.10				
4	Adolph Bevers.....	do	do	86.10				
4	G. L. Cohn.....	do	do	86.10				
4	Fred'k Metzger.....	do	do	86.10				
4	Chas. A. Wilcox.....	Clerk	Salary and expenses for March	103.30	1.57			
4	C. S. Vosburgh.....	Assistant	do	86.10	3.50			
4	D. E. Salmon.....	do	Expenses, Mar. 18 and 19		21.40			
4	W. J. Watt <i>et al</i> .....	Disinfectors, etc	Salaries for March	802.75				
6	W. Judson Smith.....	do	Salary and expenses for March	200.00	93.00			
7	James Welch.....	Assistant	Salary and expenses, Mar. 1 to 15	41.67	2.43			

April

*Expended from the appropriation for 1890-'91 by States—Continued.*

NEW YORK—Continued.

Date.	Name.	Remarks.	For what paid.	Salaries.	Traveling expenses.	Miscellaneous.	Affected cattle.	Exposed cattle.
1891.								
April 7	Roscoe R. Bell	Appraiser	Salary and expenses for March	\$137.30	\$45.00			
8	Jos. H. Storm		do	103.80	108.54			
8	Jas. A. Walrath		Salary and expenses, Mar. 1 to 16 and 26 to 31.	122.20	45.12			
8	H. D. Gill		Salary and expenses for March.	137.80	45.00			
8	H. S. Vanderhoff		do	137.80	49.52			
8	Chas. H. Perry		do	137.80	39.12			
8	Jas. H. Clark	Appraiser	do	103.30	58.98	\$1.20		
8	E. Valentine	Assistant.	do	86.10	30.00			
8	F. H. Pendleton	do	do	86.10	30.00			
8	J. S. Sargent	do	do	86.10	30.00			
8	Michael Nau	do	do	86.10	30.00			
8	P. C. Vandewater	do	do	86.10	30.00			
8	A. Cornwell	do	do	86.10	30.00			
8	Wm. J. Taylor	do	do	86.10	10.52			
8	Chas. E. Grogan	do	do	86.10	8.62			
8	C. H. Bliss	do	do	86.10	5.44			
8	John Mesick	do	do	86.10	5.32			
8	E. H. Flaven	do	do	86.10	2.72			
9	Henry B. Ampler	do	do	248.00	10.66			
9	N. H. Paareh	do	do	208.00	11.72			
9	W. H. Pendry	do	do	137.80	43.17			
9	Richard Kay	do	do	155.00	4.02			
9	S. T. Velson	Assistant.	do	86.10	30.12			
9	Wm. W. Hughes	do	do	86.10	8.62			
9	B. B. Mullen	do	do	86.10	7.32			
9	Jas. E. Taylor	do	do	86.10	5.32			
9	James Smith	do	do	86.10	3.69			
9	John W. S. Ortiz	do	do	86.10	3.05			
9	Samuel Jarvis	do	do	86.10	2.22			
16	H. Baumgarten	do	10,000 tags	170.00				
16	Edward T. Jenkins	Brooklyn	Office rent	45.00				
16	Bogardus Ellaby & Ellsworth	New York	Hardware	11.04				
16	Cornelius Frank	Brooklyn	Janitor	10.00				
16	Thos. F. Taylor	do	Coal	5.50				
16	Emile Schneider	Queens County	2 animals					\$4.75
16	do	do	1 animal					
17	Nassau Gaslight Company	Brooklyn	Charges			2.55	\$10.00	
18	A. K. Robertson	do	Salary and expenses, March	312.00	3.91	52.75		
18	John Bingham	New York	Stationery					





*Expended from the appropriation for 1890-'91, by States—Continued.*

NEW YORK—Continued.

Date.	Name.	Remarks.	For what paid.	Salaries.	Traveling expenses.	Miscellaneous.	Affected cattle.	Exposed cattle.
1891.								
May 16	H. S. Vanderhoff	Assistant.	Salary and expenses, April 1 to 23	\$101.10	\$37.92			
16	Austin Cornwell	Brooklyn	Office rent	63.19	23.00			
16	Edward T. Jenkins	New York	Stationery			\$45.00		
16	Sabiston & Murray		Salary and expenses, April		5.40	27.21		
18	Richard Kay		Expenses, April	148.30	20.45	7.87		\$54.13
19	A. K. Robertson	Queens County	2 animals					15.00
19	James W. Brooks	do	1 animal					15.00
19	Thomas Heeg	do	Stationery			28.75		
19	Frederick Kreckuk	New York						
21	John Bingham		Total for month	5,467.47	844.25	118.83	\$244.24	1,044.89
June 3	Edgar V. Hubbs	Queens County	Destruction of barns			800.00		22.43
4	Louis Licht	do	1 animal	153.40				
5	Edward Devos	Clerk	Salary for May	102.20				
5	J. F. Kihner	do	do	85.20				
5	J. J. Hearne	do	do	85.20				
5	L. E. Block	do	do	85.20				
5	J. J. Robinson	do	do	85.20				
5	Jos. Hanner, jr	do	do	85.20				
5	F. Hallenbeck	Assistant.	do	85.20				
5	C. S. Vosburgh	do	do	85.20				
5	G. L. Cohn	do	do	85.20				
5	Adolph Bevers	do	do	85.20				
5	John H. Badie	do	do	85.20				
5	W. J. Watt et al.	Disinfectors, etc	Salaries for May	847.75				
5	Henry B. Ambler		Salary and expenses, May	248.00	9.73			
5	J. A. Walrath	do	do	170.40	45.00			
5	N. H. Paeren	do	do	200.00	11.32			
5	H. S. Vanderhoff	do	do	136.20	57.98			
5	H. D. Gill	do	do	136.20	45.00			
5	R. E. Bell	do	do	136.20	45.00			
5	W. H. Pondry	do	do	136.20	42.77			
5	Chas. H. Perry	do	do	136.20	33.12			
5	Richard Kay	do	do	153.40	4.02			
5	P. C. Vandewater	Assistant	do	85.20	30.13	.20		
5	Austin Cornwell	do	do	85.20	30.00			
5	Chas. A. Wilcox	Clerk	do	102.20	1.37			
5	Wm. J. Taylor	Assistant.	do	85.20	9.12			
5	James Smith	do	do	85.20	7.94			

8	W. Judson Smith	Appraiser	do	260.00	93.00			
9	Jos. H. Storm	do	do	102.20	105.02			
9	Jas. H. Clark	do	do	102.20	53.52			
9	S. T. Velsor	Assistant	do	85.20	30.12			
9	J. S. Sargent	do	do	85.20	30.00			
9	E. Valentine	do	do	85.20	30.00			
9	Jas. R. Taylor	do	do	85.20	8.52			
9	C. H. Bliss	do	do	85.20	6.88			
9	John Mesick	do	do	85.20	5.92			
9	J. W. S. Ortiz	do	do	85.20	2.77			
9	E. H. Flavin	do	do	85.20	2.72			
9	Saml. Jarvis	do	do	85.20				
12	Chas. E. Grogan	Salary for May	do	85.20				
16	Michael Nau	Salary and expenses, May	do	85.20	7.92			
16	Fred'k Metzger	Salary and expenses, May 1 to 19	do	52.20	18.39			
17	James C. Brower	Salary for May 1 to 7	do	19.23				
17	C. Frank	Storeroom	do		5.00			
17	L. M. Thompson	Janitor	do		10.00			
17	Edward T. Jenkins	Disinfectant	do		10.00			
17	Wm. W. Hughes	Office rent	do		45.00			
17	Thomas Heeg	Salary and expenses, May 1 to 22	do	60.44	6.52			
17	do	Destruction of barn	do					
17	do	28 animals	do					698.60
17	F. H. Pendleton	Salary and expenses, May 1 to 17	do	46.70	16.45			
17	B. E. Mullen	Salary and expenses, May 1 to 10	do	27.47	3.42			
18	A. K. Robertson	Salary and expenses, May	do	3.36	12.04			
20	Thos. E. Trimmer	1 animal	do					35.00
30	Geo. A. Van Sise	do	do					15.00
Total for month				5,624.39	805.10	1,170.20		771.03
8	Edward Devroe	Clerk	Salary for June	148.30				
8	J. F. Kilner	do	do	98.90				
8	J. J. Hearne	do	do	82.40				
8	L. E. Block	do	do	82.40				
8	J. J. Robineau	do	do	82.40				
8	Jos. Hamner, Jr.	do	do	82.40				
8	F. Hallenbeck	Assistant	do	82.40				
8	C. S. Vosburgh	do	do	82.40				
8	Saml. Jarvis	do	do	82.40				
8	G. L. Cohn	do	do	82.40				
8	Adolph Bevers	do	do	82.40				
8	J. H. Eadie	do	do	82.40				
8	W. J. Watt et al.	Disinfectors and parolmen	Salaries, June	812.50				
8	W. Judson Smith	do	Salary and expenses, June	260.00	90.00			
9	N. H. Paaren	do	do	208.00	12.07			
9	H. S. Vanderhoff	do	do	131.90	52.18			
9	R. R. Bell	do	do	131.90	45.00			
9	W. H. Pendry	do	do	131.90	43.02			
9	Richard Kay	do	do	148.30	3.76			
9	P. C. Vandewater	Assistant	do	82.40	44.40			
9	Chas. A. Wilcox	Clerk	do	98.90	2.54			
9	Wm. J. Taylor	Assistant	do	82.40	10.52			

July



Expended from the appropriation for 1890-'91, by States—Continued.

NEW YORK—Continued.

Date.	Name.	Remarks.	For what paid.	Salaries.	Traveling expenses.	Miscellaneous.	Affected cattle.	Exposed cattle.
1891.								
July 9	Jas. R. Taylor.....	Assistant.	Salary and expenses, June.....	\$82.40	\$7.92			
9	Chas. E. Grogan.....	do	do	82.40	7.47			
9	C. H. Bliss.....	do	do	82.40	6.88			
9	John Mesick.....	do	do	82.40	3.32			
9	Jas. Smith.....	do	do	82.40	8.49			
9	J. W. S. Ortiz.....	do	do	82.40	3.37			
9	E. H. Flavin.....	do	do	82.40	2.72			
11	Chas. H. Perry.....	do	do	131.90	37.62			
11	Jas. H. Clark.....	Appraiser	do	98.90	54.98	\$1.20		
11	Jos. H. Storm.....	do	do	98.90	108.54			
11	H. B. Ambler.....	do	do	240.00	9.48			
14	S. T. Velsor.....	Assistant	do	82.40	30.12			
16	H. D. Gill.....	do	do	131.90	45.00			
18	J. S. Sargent.....	Assistant	do	82.40	30.00			
18	E. Valentine.....	do	do	82.40	30.00			
18	A. Cornwell.....	do	do	82.40	30.00			
18	A. K. Robertson.....	do	Expenses, May.....		19.45	5.37		
21	Jas. A. Walrath.....	do	Salary and expenses, June.....	164.80	45.00			
23	A. K. Robertson.....	do	do	312.00	4.09			
23	do.....	do	Expenses, June.....		17.10	4.12		
25	Edward T. Jenkins.....	Brooklyn	Office rent.....		45.00			
25	John Bingham.....	New York	Record book.....		25.75			
25	Canda & Kane.....	do	Lime.....		21.00			
25	C. Frank.....	Brooklyn	Janitor.....		10.00			
25	Bogardus, Ellaby & Ellsworth.....	New York	Hog rings.....		9.00			
25	James C. Brover.....	Brooklyn	Storeroom.....		5.00			\$15.02
25	Samuel Strauss.....	Kings County	1 animal.....					523.44
25	Isaac H. Gentleman.....	do	17 animals.....					
28	Brock & Lindemann.....	Brooklyn	Changing doors.....		3.50			
28	New York and New Jersey Telephone Company.....	do	Rental.....		35.43			
28	Nassau Gaslight Company.....	do	Charges.....		1.23			
			Total for month.....	5,244.20	807.04	166.60		538.46
Aug. 22	Sabiston & Murray.....	New York	Stationery.....			14.93		
			Grand total.....	41,415.89	6,073.21	2,897.32	\$676.63	4,225.55



Expended from the appropriation for 1890-'91, by States—Continued.

NEW JERSEY—Continued.

Date.	Name.	Remarks.	For what paid.	Salaries.	Traveling expenses.	Miscellaneous.	Affected cattle.	Exposed cattle.
1891.								
Feb. 13	J. W. Hawk.....		Salary and expenses, January	\$172.20	\$73.80	\$0.25		
13	Werner Runge.....		do	120.60	56.75			
13	H. W. Rowland.....		do	120.60	55.35			
13	W. W. Curry.....		do	120.60	48.05			
13	W. H. Cooper.....		do	120.60	45.00			
13	R. R. Letts.....		do	103.30	48.25			
13	Mo. Conklin <i>et. al.</i> .....	Disinfectors	Salaries, January	144.60				
13	Julius Huelsen.....		Salary and expenses, January	120.60	11.55			
13	W. A. Willard.....	Clerk	do	120.60	9.65			
13	Fredk. Blum.....	Assistant	do	86.10	34.65			
13	R. H. Moore.....	do	do	86.10	33.60			
13	D. F. Shea.....	do	do	86.10	32.75			
13	B. S. Watson.....	do	do	86.10	32.70			
13	Joseph Locke.....	do	do	86.10	32.30			
13	J. H. Phelan.....	do	do	86.10	32.20			
13	Thos. Crozer.....	do	do	86.10	31.75			
13	I. C. Kilburn.....	do	do	86.10	30.05			
13	Simon Kelly.....	do	do	86.10	23.65			
13	Melvin Doremus.....	do	do	86.10	22.10			
13	D. R. Hobart.....	do	do	86.10	5.45			
13	James Cassey.....	do	do	86.10	5.45			
13	Geo. C. Tolley.....	do	do	86.10	3.45			
13	John Briggs.....	do	do	86.10	3.50			
13	W. L. Ferguson.....	Clerk	Salary for January	86.10				
13	Floy McEwen.....	do	do	86.10				
13	C. D. Noonan.....	do	do	86.10				
13	George Fick.....	Jersey City	Storeroom	72.30				
13	Joseph Corbert.....	do	Services		6.00			
16	F. H. Spengeman.....	do	Office rent		5.00			
20	New York and New Jersey Telephone Co.	Jersey City	Rental, etc., November		10.55			
20	do	do	Rental, etc., December		10.50			
20	Daily Advertiser.....	Newark	Blanks		25.00			
			Total for month.....	2,593.60	674.00	107.30		
Mar. 2	Mathias Plum.....	Newark	Stationery			14.85		
7	J. W. Hawk.....		Salary and expenses, February	155.60	54.15	.25		
7	Anston Colgrate.....	Essex County	1 animal					\$30.00
10	W. W. Curry.....		Salary and expenses, February	108.80	59.65			
10	Werner Runge.....		do	108.80	53.10			



10	H. W. Rowland	do	108.80	53.80		
10	W. H. Cooper	do	108.80	48.44		
10	R. R. Letts	do	93.40	47.45		
10	Julius Huelsen	do	108.80	10.35		
10	Melvin Doremus	do	77.80	40.05		
10	W. A. Willard	do	108.80	8.85		
10	Fredk. Bluen	do	77.80	33.80		
10	R. H. Moore	do	77.80	33.10		
10	B. S. Watson	do	77.80	31.75		
10	Joseph Locke	do	77.80	32.10		
10	D. F. Shea	do	77.80	31.75		
10	Thos. Crozer	do	77.80	31.10		
10	J. H. Phelan	do	77.80	28.25		
10	I. C. Kilburn	do	77.80	23.25		
10	Simon Kelly	do	77.80	4.85		
10	James Cassey	do	77.80	4.85		
10	D. R. Hobart	do	77.80	4.85		
10	Geo. C. Toffey	do	77.80	3.15		
10	John Briggs	do	129.55			
10	Mo. Conklin <i>et al</i>	Disinfectors	77.80			
10	W. L. Ferguson	Clerk	77.80			
10	Floy McEwen	do	63.40			
10	C. D. Noonan	do				
10	E. H. Spengeman	Jersey City				
10	Geo. Fick	do				
10	Jos. Corbett	do				
10	New York and New Jersey	do				
31	Telephone Co.	do				
31	do	do				
		Total for month	2,341.55	671.74	93.35	30.00
Apr.	J. W. Hawk	Salary and expenses, March	172.20	62.05		
10	Werner Runge	do	120.60	59.45		
10	H. W. Rowland	do	120.60	56.10		
10	W. W. Curry	do	120.60	45.00		
10	R. R. Letts	do	103.30	48.95		
10	Julius Huelsen	do	120.60	11.45		
10	W. A. Willard	do	120.60	10.25		
10	Melvin Doremus	do	86.10	39.25		
10	I. C. Kilburn	do	86.10	38.40		
10	Fredk. Bluen	do	86.10	34.65		
10	D. F. Shea	do	86.10	33.05		
10	Joseph Locke	do	86.10	32.90		
10	B. S. Watson	do	86.10	32.60		
10	J. H. Phelan	do	86.10	32.00		
10	Thomas Crozer	do	86.10	31.90		
10	R. H. Moore	do	86.10	31.45		
10	Simon Kelly	do	86.10	23.65		
10	James Cassey	do	86.10	5.45		
10	D. R. Hobart	do	86.10	5.45		
10	Geo. C. Toffey	do	86.10	5.45		

*Expended from the appropriation for 1890-'91, by States—Continued.*

NEW JERSEY—Continued.

Date.	Name.	Remarks.	For what paid.	Salaries.	Traveling expenses.	Miscellaneous.	Affected cattle.	Exposed cattle.
1891.								
Apr. 10	John Briggs.....	Assistant.	Salary and expenses, March	\$86.10	\$3.50			
10	W. L. Ferguson.....	Clerk	Salary for March	86.10				
10	Floy McEwen.....	do	do	86.10				
10	C. D. Noonan.....	do	do	72.30				
10	Mo. Conklin <i>et al</i> .....	Disinfectors	Salaries for March	144.60				
10	Geo. Fick.....	Jersey City	Storeroom			\$6.00		
10	Joseph Corbert.....	do	Janitor			5.00		
14	W. H. Cooper.....	do	Salary and expenses, March 1 to 8	31.11	45.00	50.00		
16	F. H. Spengeman.....	Jersey City.	Office rent					
			Total for month.....	2,504.11	687.95	61.00		
May								
7	J. W. Hawk.....	do	Salary and expenses, April	164.80	73.32	.25		
7	H. W. Rowland.....	do	do	115.40	61.45			
7	Werner Runge.....	do	do	113.40	56.40			
7	W. W. Curry.....	do	do	113.40	43.00			
7	R. R. Letts.....	do	do	98.90	48.25			
7	I. C. Kilburn.....	Assistant	do	82.40	48.32			
7	W. A. Willard.....	Clerk	do	115.40	12.55			
7	Julius Huelsen.....	do	do	115.40	11.55			
7	Melvin Doremus.....	Assistant	do	82.40	42.45			
7	Fred'k Blum.....	do	do	82.40	34.65			
7	Jas. Cassey.....	do	do	82.40	5.45			
7	Floy McEwen.....	Clerk	Salary for April	82.40				
7	W. L. Ferguson.....	do	do	82.40				
7	C. D. Noonan.....	do	do	69.20				
7	A. N. Martin.....	Union County	1 animal					\$25.00
7	B. Stern.....	Essex County	do					18.00
7	H. Feinberg.....	Hudson County	do					15.00
7	H. H. Feinberg.....	do	do					
8	Mo. Conklin <i>et al</i> .....	Disinfectors	Salaries, April	140.90				
8	R. H. Moore.....	Assistant	Salary and expenses, April	82.40	34.65			
8	D. F. Shea.....	do	do	82.40	32.90			
8	B. S. Watson.....	do	do	82.40	32.90			
8	Joseph Locke.....	do	do	82.40	32.75			
8	J. H. Phelan.....	do	do	82.40	31.90			
8	Thos. Crozer.....	do	do	82.40	31.90			
8	Simon Kelly.....	do	do	82.40	23.65			
8	Geo. C. Tolley.....	do	do	82.40	5.45			
8	D. R. Hobart.....	do	do	82.40	5.45			
8	John Briggs.....	do	do	82.40	3.50			
8	F. H. Spengeman.....	Jersey City.	Office rent			50.00		

8	Geo. Fick.....	do	Storeroom				\$6.00
8	Jos. Corbett.....	do	Janitor				5.00
16	W. H. Cooper.....		Expenses, April	45.00			
			Total for month.....	\$3,207.89	2,369.20	719.44	61.25
3	New York and New Jersey Telephone Co.	Jersey City	Rental, etc.				8.90
9	R. R. Letts.....		Salary and expenses, May		102.20	48.00	
9	W. H. Cooper.....		do		119.20	45.00	
9	W. W. Curry.....		do		119.20	47.20	
9	Werner Runge.....		do		119.20	55.65	
9	J. W. Hawk.....		do		170.40	67.57	
9	Julius Huelssen.....		do		119.20	11.15	
9	Melvin Doremus.....	Assistant.	do		85.20	41.85	
9	I. C. Kilburn.....	do	do		85.20	40.52	
9	Thos. Crozer.....	do	do		85.20	35.55	
9	R. H. Moore.....	do	do		85.20	34.35	
9	Fred'k Blum.....	do	do		85.20	34.35	
9	D. F. Shea.....	do	do		85.20	32.55	
9	B. S. Watson.....	do	do		85.20	32.55	
9	Joseph Locke.....	do	do		85.20	32.45	
9	J. H. Phelan.....	do	do		85.20	31.70	
9	Simon Kelly.....	do	do		85.20	23.50	
9	Geo. C. Tonley.....	do	do		85.20	3.25	
9	Jas. Cassey.....	do	do		85.20	5.25	
9	D. R. Hobart.....	do	do		85.20	5.25	
9	John Briggs.....	do	do		85.20	3.40	
9	W. L. Ferguson.....	Clerk	Salary for May		85.20		
9	Floy McEwen.....	do	do		85.20		
9	C. D. Noonan.....	do	do		71.60		
9	F. H. Spengeman.....	Jersey City	Office rent				50.00
9	George Fick.....	do	do				6.00
9	Joseph Corbett.....	do	Storeroom				5.00
12	Mo. Conklin <i>et al</i> .....	Disinfectors	Janitor		141.45		
12	H. W. Rowland.....		Salaries, May		119.20	57.05	
20	C. M. Miller.....	Salem County	Salary and expenses, May				
			1 animal				20.00
			Total for month.....	\$3,224.89	2,444.85	690.14	69.90
13	Werner Runge.....		Salary and expenses, June		115.40	56.80	
13	H. W. Rowland.....		do		115.40	56.00	
13	R. R. Letts.....		do		98.90	48.25	
13	Fred'k Blum.....		do		82.40	34.65	
13	I. C. Kilburn.....	Assistant.	do		82.40	38.10	
13	Thos. Crozer.....	do	do		82.40	31.90	
14	M. Doremus.....	do	do		82.40	42.45	
14	R. H. Moore.....	do	do		82.40	34.60	
14	James Cassey.....	do	do		82.40	5.45	
14	John Briggs.....	do	do		82.40	3.50	
14	J. W. Hawk.....	do	do		164.80	74.54	



Expended from the appropriation for 1890-'91, by States—Continued.

NEW JERSEY—Continued.

Date.	Name.	Remarks.	For what paid.	Salaries.	Traveling expenses.	Miscellaneous.	Affected cattle.	Exposed cattle.
1891. July 16	B. S. Watson	Assistant.	Salary and expenses, June	\$82.40	\$32.55			
16	Simon Kelly	do	do	82.40	23.60			
16	Floy McEwen	Clerk	Salary for June	82.40				
16	W. L. Ferguson	do	do	82.40				
16	C. D. Noonan	do	do	69.20				
18	Benj. B. Hursh	Sussex County	1 animal					\$25.00
20	Mo. Conklin <i>et al</i>	Disinfectors	Salaries, June	96.96				
25	D. R. Hobart	Assistant.	Salary and expenses, June 1 to 14	38.46	2.65			
25	Geo. C. Tolley	do	do	38.46	2.65			
25	J. H. Phelan	do	do	38.46	20.20			
25	D. F. Shea	do	do	38.46	20.20			
25	W. H. Cooper	do	do	31.87	20.20			
25	Jos. Locke	Assistant.	do	38.46	20.20			
25	Jos. Corbert	Jersey City	Janitor			\$5.00		
25	Geo. Fick	do	Storeroom			6.00		
25	New York and New Jersey Telephone Co.	do	Rental			8.40		
25	F. H. Spengeman	do	Office rent			50.00		
25	W. W. Curry	do	Salary and expenses, June	115.40	45.00			
			Total for month	1,928.61	625.16	69.40		25.00
Oct. 1	New York and New Jersey Telephone Co.	Jersey City	Rental, etc., May			9.30		
1	do	do	Rental, etc., June			9.95		
						19.25		
			Grand total	17,733.72	4,971.21	543.45		218.00

PENNSYLVANIA.

1890. Aug. 8	W. H. Rose	Assistant.	Salary and expenses, July	\$208.00	\$1.17			
8	Geo. Carter	do	do	84.20	2.97			
8	E. S. Huff	do	Salary for July	84.20				
			Total	376.40	4.14			

## MARYLAND.

1890. July 15 25	W. H. Wray..... Thos. G. Carter.....	Baltimore County.....	Salary for July 1 to 15..... 1 animal.....	\$96.00				\$10.00
Aug. 7	A. W. Clement.....		Total for month.....	96.00				10.00
8	Geo. C. Faville.....		Salary and expenses, July.....	168.50	\$59.80			
8	I. L. Ball.....	Clerk.....	do.....	270.00	60.00			
8	John M. Hahn.....	Frederick County.....	Salary for July.....	84.20				
8	Geo. C. Faville.....		1 animal.....					10.00
8	Emily Lucas.....		Expenses, July.....	4.50		\$3.75		
9	Jas. F. Ryder.....	Baltimore.....	Services, July.....	73.91	27.42			
			Salary and expenses, July 1 to 17.....					
			Total for month.....	601.11	147.22	3.75		16.00
			Grand total.....	697.11	147.22	3.75		20.00

*Expended from the appropriation for 1890-'91.*

SCIENTIFIC INVESTIGATIONS.

Date.	Name.	Remarks.	For what paid.	Salaries.	Traveling expenses.	Miscellaneous.
1890.						
July 16	F. L. Kilborne	North Carolina	Expenses, July 1 to 3		\$14.12	\$1.50
19	Frank E. Hopkins	Experiment station	Cartridges			2.70
22	T. H. McAllister	Laboratory	Stereopticon, etc.			340.65
22	E. and H. T. Anthony & Co.	Photo. Bulletin	Subscription			3.00
22	Geo. S. Davis	Index Medicus	do			10.00
22	Lea Brothers & Co.	Medical News, American Journal of Medical Sciences	do			7.50
22	A. L. Hummel	Journal of Comparative Medicine and Surgery	do			3.00
23	D. Appleton & Co	New York Medical Journal	do			5.00
23	A. E. Foote	Laboratory	Book	\$151.60		1.81
31	Cooper Curtee	do	Salary, July	134.80		
31	E. A. v. Schweinitz	do	do	117.90		
31	V. A. Moore	do	do	42.39		
31	W. S. D. Haines	do	Salary, July 1 to 13	84.20		
31	M. N. Barnard	do	Salary, July	70.80		
31	Wm. Alexander	do	do	60.60		
31	W. H. Bradford	Experiment station	do	55.00		
31	J. Somerville	Laboratory	do	55.60		
31	W. C. Shumoneck	do	do	50.50		
31	Jas. R. Stewart	do	do	54.00		
31	John Meany	do	do			
			Total for month	877.99	14.12	375.19
Aug. 1	E. C. Schroeder	Laboratory	Salary, July	101.10		
6	H. J. Ruppert	Experiment station	Rent, July			41.66
7	Alfred Burnett	do	Laborer	36.00		
7	Bredhead & Co.	Laboratory	Linen			6.50
7	Washington Gaslight Co.	do	Charges			.25
8	B. Westermann & Co.	do	Books			62.14
8	E. A. v. Schweinitz	do	Expenses			1.61
			Total for month	137.10		112.16
1891.						
Jan. 12	Geo. E. Hutelings	Laboratory	Plumbing, etc.			9.93
13	Pennsylvania Railroad Co.	do	Transportation, Dec. 19		26.40	
14	B. F. Gay & Co.	Experiment station	Stove			46.50
14	Mimis & Martin	do	Stove fittings			17.45
14	M. W. Beveridge	do	Cans, etc.			5.27
14	Frank E. Hopkins	do	Hooks, etc.			8.00



14	Ernest Betz	Laboratory	Plumbing		3.68
14	Annie Burnett	Experiment station	Washing		2.40
16	Walter F. Hewitt	do	Feed		99.94
17	W. L. Williams	Experiment station	Salary and expenses, December	7.15	68.17
17	Independent Ice Co.	do	Ice		14.62
17	L. H. Hopkins	do	Hardware		28.16
17	John E. Talbert	do	Carpenter		73.50
17	Chas. R. Talbert	do	Feed		181.68
19	E. C. Schroeder	Laboratory	Salary and expenses, December	59.95	
19	Libbey, Bittinger & Miller	Experiment station	Lumber		9.87
19	Ellen T. Keane	Laboratory	Rent, July to December		156.00
21	L. H. Hopkins	Laboratory	Brackets		2.00
21	Easton & Rupp	Experiment station	Stationery		2.50
22	Z. D. Gilman	Laboratory	Chemical instruments		158.10
23	C. W. Palmer	do	Slides, etc		36.30
23	B. Westermann & Co	do	Books		30.30
23	E. A. v. Schweinitz	do	Expenses, November, December, January		5.50
28	Libbey, Bittinger & Miller	Experiment station	Lumber		134.99
28	Library Bureau	Laboratory	Card cases		32.16
28	Iowa Central Rwy. Co	Experiment station	Transportation	8.10	
28	Shanahan, Reilly & Co	Laboratory	Paint		5.13
28	John Reinders & Co	Experiment station	Syringe		7.00
30	S. C. Carter	Experiment station	Coal		42.64
31	Thos. Somerville & Sons	Laboratory	Repairs		2.80
31	Cooper Currtice	do	Salary, January	155.00	
31	E. A. v. Schweinitz	do	do	155.00	
31	V. A. Moore	do	do	120.60	
31	M. N. Barnard	do	do	86.10	
31	Wm. Alexander	do	do	72.30	
31	W. H. Bradford	Experiment station	do	62.00	
31	J. Somerville	Laboratory	Salary, Jan. 16 to 31	29.33	
31	W. C. Shimoneck	do	do	56.80	
31	Jas. R. Stewart	do	do	56.80	
31	John Meany	do	do	54.00	
31	Luke Jamieson	do	do	50.00	
Feb. 4	H. J. Ruppert	Experiment station	Total for month	\$2,363.42	
5	Washington Gaslight Co	Laboratory	Rent, January	1,156.73	1,105.09
5	E. C. Schroeder	Experiment station	Charges		41.66
13	Alfred Burnett	Experiment station	Salary and expenses, January	103.30	13
16	W. L. Williams	Experiment station	Laborer	36.00	
18	Chas. R. Talbert	Experiment station	Salary and expenses, January	86.10	121.65
18	George Pennell	do	Feed		101.08
18	Thos. Somerville & Sons	do	Hay		366.94
18	Melville Lindsay	do	Plumbing, sundries		13.94
18	Geo. Ryneal, jr.	do	Tubing, etc.		10.85
18	Burdett Stryker	do	Writing diamond		3.00
18	W. F. Hewitt	do	Whisperphone		2.00
18	Shanahan, Reilly & Co	do	Feed		141.72
19	Woodward & Lothrop	Laboratory	Paint		11.36
20			Toweling, etc.		8.90

*Expended from the appropriation for 1890-'91—Continued.*

SCIENTIFIC INVESTIGATIONS—Continued.

Date.	Name.	Remarks.	For what paid.	Salaries.	Traveling expenses.	Miscellaneous.
1891.						
Feb. 26	Libbey, Bittinger & Miller	Experiment station.	Lumber.			\$73.15
26	L. H. Hopkins	do	Hardware			21.73
26	Elphonz Youngs	do	Prepared food			17.50
26	Frank E. Hopkins	do	Hardware.			3.65
28	W. B. Moses & Sons	Laboratory	Book case.			33.00
28	Cooper, Curtice	do	Salary, February	\$140.00		
28	E. A. v. Schweinitz	do	do	140.00		
28	V. A. Moore	do	do	108.80		
28	M. N. Barnard	do	do	77.80		
28	Wm. Alexander	do	do	65.40		
28	W. H. Bradford	do	do	65.40		
28	J. Somerville	Experiment station.	do	51.40		
28	Wm. C. Shimoneck	Laboratory	do	51.50		
28	Jas. R. Stewart	do	do	51.40		
28	Luke Jamieson	do	do	50.00		
28	John Meany	do	do	48.00		
		Total for month	\$2,095.20	1,075.00	\$45.58	974.62
Mar.						
2	John G. Parker	Experiment station.	Stationery			2.40
2	W. S. Barnard	Laboratory	Jacket files			14.40
2	E. C. Schroeder	do	Salary for February	93.40		
4	A. Mathes	Laboratory	Bottle racks			23.00
4	H. J. Ruppert	Experiment station.	Rent			41.66
6	Alfred Burnett	do	Laborer.	36.00		
7	Ernest Betz	Laboratory	Tubes			3.00
7	Wash. Gaslight Company.	do	Charges			.63
11	Chicago and Alton R. R. Co.	do	Transportation		19.00	259.92
16	Chas. R. Talbert.	Experiment station.	Hay, etc.			110.58
16	W. M. Galt & Co.	do	Feed			17.50
16	Elphonz Youngs	do	Prepared food.			6.43
16	Geo. N. Holland	do	Hardware.			2.00
16	J. H. Chesley & Co.	do	Grates			2.25
16	F. L. Kilborne	do	Expenses, January and February			168.22
17	B. Westermann & Co.	Laboratory	Books			
19	Chicago, Milwaukee and St. Paul Rwy. Co.	do	Transportation		4.61	
27	Geo. E. Hutchins	Laboratory	Repairs			6.00
28	D. W. Beveridge & Co.	Experiment station.	Cages			120.00
30	Theobald Smith	Laboratory	Expenses, November to March			5.27
31	Cooper Curtice	do	Salary for March	155.00		

31	E. A. v. Schweinitz	do	do	155.00	23.61	783.26
31	V. A. Moore	do	do	120.60		
31	M. N. Barnard	do	do	86.10		
31	Wm. Alexander	do	do	72.30		
31	Wm. H. Bradford	do	do	72.30		
31	J. Somerville	do	do	56.80		
31	Wm. C. Shimoneck	do	do	56.80		
31	J. R. Stewart	do	do	56.80		
31	Luke Jameson	do	do	50.00		
31	John Meany	do	do	52.00		
31	E. C. Schroeder	do	do	103.30		
			Total for month	1,166.40		
2	H. J. Ruppert	Experiment station	Rent			41.66
2	Conrad Becker	do	Blankets, etc.			19.00
2	Chesapeake and Potomac Telephone Co.	do	Rental, January to March			35.94
3	Alfred Burnett	do	Laborer	36.00		
3	Annie Burnett	do	Washing			2.49
14	W. L. Williams	do	Salary and expenses, March	86.10		65.00
14	W. L. Williams	do	Salary and expenses, February	77.80	13.23	215.52
14	Chas. R. Talbert	Experiment station	Hay, etc.			114.18
14	L. H. Hopkins	do	Hardware			5.10
14	L. H. Schneider's Son	do	Steel letters, etc.			3.10
16	A. E. Foote	do	Pauphlets			3.65
16	Minnis & Martyn	Experiment station	Chimney, etc.			23.30
16	C. H. Dana	do	Labels, etc.			17.00
18	W. M. Galt & Co	do	Feed			143.85
18	S. C. Carter	do	Coal			10.66
21	John H. Ruppert	do	Cattle			100.00
28	Washington Gaslight Co	Laboratory	Charges			1.88
30	Z. D. Gilman	do	Chemicals			213.91
30	Albert Hassall	do	Salary for April	98.90		
30	Cooper Curtee	do	do	148.30		
30	E. A. v. Schweinitz	do	do	148.30		
30	V. A. Moore	do	do	115.40		
30	E. C. Schroeder	do	do	98.90		
30	M. N. Barnard	do	do	82.40		
30	Wm. Alexander	do	do	69.20		
30	W. H. Bradford	do	do	69.20		
30	J. Somerville	Experiment station	do	54.40		
30	Wm. C. Shimoneck	Laboratory	do	54.40		
30	J. R. Stewart	do	do	54.40		
30	Luke Jameson	do	do	50.00		
30	John Meany	do	do	52.00		
27	D. W. Beveridge	Experiment station	Galvanized wire cages			240.00
28	Easton & Rupp	do	Stationery			5.00
			Total for month	1,295.70	13.23	1,261.24
						\$2,570.17

Apr.



*Expended from the appropriation for 1890-'91—Continued.*

SCIENTIFIC INVESTIGATIONS—Continued.

Date.	Name.	Remarks.	For what paid.	Salaries.	Traveling expenses.	Miscellaneous.
1891.						
May 2	Mason & Mason	Experiment station	Advertising			\$1.75
2	J. H. Kirkpatrick	Laboratory	Auctioneer			6.00
2	H. J. Kuppert	Experiment station	Rent			41.66
4	Ernest Betz	Laboratory	Copper pan, etc.			15.05
5	Alfred Burnett	Experiment station	Laborer	\$36.00		
5	F. P. May & Co	do	Hardware			6.65
5	J. C. Parker	do	Stationery			5.30
5	Melville Lindsay	do	Syringes			2.87
5	Washington Gaslight Co	Laboratory	Charges			.13
9	Libbey, Liffinger & Miller	Experiment station	Lumber			4.10
13	David Biffelberg	do	Cattle			96.00
15	E. A. v. Schweinitz	Laboratory	Expenses, March and April			10.05
16	W. O. Davis	Experiment station	Advertising			2.00
16	Geo. N. Holland	Experiment station	Clippers, etc			3.10
19	B. Westermann & Co	do	Books			25.39
19	C. W. Palmer	do	Slides, etc			26.00
19	John A. Baker	Experiment station	Scalps			81.20
20	S. J. Meeks	do	Repairs			45.00
20	Jas. W. Queen & Co.	Laboratory	Bell jars			9.20
21	Einor & Amend	Experiment station	Chemicals			27.39
21	Harry Loor	do	Turnips			3.75
21	W. M. Galt & Co.	do	Feed			111.75
26	Chas. R. Talbert	do	Mares and keeping			172.95
28	I. Dillon & Sons	do	Salary for May	153.40		131.60
31	Cooper Curtee	Laboratory	do	102.20		
31	Albert Hassall	Experiment station	Hardware	153.40		
31	L. H. Hopkins	Laboratory	Salary, May	119.20		
31	E. A. v. Schweinitz	do	do	102.20		
31	V. A. Moore	do	do	85.20		
31	E. C. Schroeder	do	do	71.60		
31	M. N. Barnard	do	do	71.60		
31	Wm. Alexander	Experiment station	do	56.20		
31	W. H. Bradford	Laboratory	do	56.20		
31	J. Somerville	do	do	56.20		
31	Wm. C. Shinnock	do	do	50.00		
31	J. E. Stewart	do	do	52.00		
31	Luke Jamieson	do	do			
31	John Moany	do	do			
		Total for month	\$2,010.26	1,165.40		844.86

June	2	H. J. Rupert	Experiment station	Rent for May		
	4	Wimarch & Edmonston	Laboratory	Jars, etc		41.66
	5	Washington Gaslight Co	do	Charges		16.25
	10	Alfred Burnett	Experiment station	Laborer	36.00	.75
	18	John C. Parker	do	Stationery		7.70
	18	Williams, Brown & Earle	Laboratory	Sharpening knives		2.00
	18	Chas. R. Talbert	Experiment station	Feed		295.29
	18	Frances B. Johnston	Laboratory	Camera		60.00
	18	D. W. Magrath	Experiment station	Repairs		50.00
	18	Wm. H. Rhees	do	Tank		15.00
	18	Elphanzo Youngs	do	Prepared food		14.00
	18	C. Beeler	do	Laprobe, etc		8.00
	18	Geo. N. Holland	do	Lime		4.50
	18	Robt. W. Smiley	American Monthly Journal, Microscopical	Subscription		1.00
	18	Libbey, Bittinger & Miller	Experiment station	Lumber		50.60
	18	do	Laboratory	do		44.33
	18	Z. D. Gilman	do	Chemicals		89.74
	18	do	do	do		29.03
	18	E. A. v. Schweinitz	do	Expenses, May		6.00
	19	Theobald Smith	do	Expenses, March to June		4.24
	22	E. Jackson	Experiment station	Straps		7.20
	23	Lewis Ford	do	Cleaning wells		15.00
	24	W. M. Galt & Co	do	Feed		136.23
	26	W. B. Beveridge	do	Water cooler, etc		11.05
	26	W. B. Moses & Sons	do	Furniture		31.50
	27	Holmes & Co	do	Rubber gloves		3.00
	29	Forsberg & Murray	Laboratory	Vertical boiler		350.00
	30	F. L. Kilborne	North Carolina	Expenses, June 24 to 29	\$42.95	195.44
	30	Albert Hassall	Laboratory	Salary June		
	30	E. A. v. Schweinitz	do	do	98.90	
	30	V. A. Moore	do	do	148.30	
	30	E. C. Schroeder	do	do	115.40	
	30	M. N. Barnard	do	do	98.90	
	30	Wm. Alexander	do	do	82.40	
	30	W. H. Bradford	do	do	69.20	
	30	J. Somerville	Experiment station	do	69.20	
	30	Wm. C. Stinson	Laboratory	do	54.40	
	30	James R. Stewart	do	do	54.40	
	30	Luke Jamieson	do	do	54.40	
	30	John Meany	do	do	50.00	
	30	James F. Kelsey	do	do	52.00	
	30	F. Y. Tolson	do	Carpenter, June 16 to 30	39.00	
	30	Wm. J. Spencer	do	Carpenter, June 1 to 30	42.00	
	30	Jas. McClelland	do	Carpenter, June 1 to 30	78.00	
	30	John Fuller	do	Carpenter, June 16 to 30	39.00	
	30		do	Laborer, June 20 to 30	13.50	
				Total for month	1,195.00	1,419.51
July	2	H. J. Rupert	Experiment station	Rent for June		
	3	C. Barlow	Laboratory	Concreting, etc		41.66
	3	D. Pfisterling	Experiment station	Cattle		156.40
						95.00

*Expended from the appropriation for 1890-'91—Continued.*

SCIENTIFIC INVESTIGATIONS—Continued.

Date.	Name.	Remarks.	For what paid.	Salaries.	Traveling expenses.	Miscellaneous.
1891.						
July 3	Washington Gaslight Co.	Laboratory	Charges			\$0.75
7	Alfred Burnett.	Experiment station	Labor. June	\$36.00		
8	John F. Talbert.	do	Carpenter, May and June	84.00		
11	Libbey, Bittinger & Miller	Laboratory	Lumber			174.31
11	Robert Letch & Sons.	do	Boilers, plumbing, etc.			1,432.16
16	Chesapeake and Potomac Telephone Co.	Experiment station	Rental			35.94
17	M. G. Copeland & Co.	Laboratory	Awings			64.00
17	Charles F. Dawson	do	Animal holders			45.00
17	John A. Power & Co.	do	Plumbing			1,025.21
18	Shanahan, Reilly & Co.	Experiment station	Paint, etc.			77.00
20	Forsberg & Murray	Laboratory	Boiler			20.00
20	F. P. May & Co.	Experiment station	Vise, etc.			10.75
21	John Reynders & Co	do	Syringes, etc.			36.00
22	A. M. Baner	do	Repairing pump			2.15
23	John A. Baker	do	Wagon, etc			72.50
23	Robt. Bowdler	do	Clover			6.00
23	Minnis & Martyn.	do	Roofing, etc.			30.00
23	Chas. R. Talbert	do	Hay, etc			935.16
23	Z. D. Gilman	Laboratory	Pot, pans, etc			15.58
23	do	do	Chemicals, etc			104.55
24	E. J. Pullman	do	Bikemogen, etc			4.26
24	L. H. Hopkins	do	Hardware			68.74
25	Annie Burnett.	Experiment station	Washing			2.85
25	Elphanzo Youngs	do	Prepared food			14.00
25	W. H. Moffat	do	Repacking pump			3.00
28	Houseman, McComb & Dunn	Experiment station	Thermometer, etc			5.00
30	Jas. Bates	Laboratory	Dumb-waiter			75.00
30	The Hygienic Ice Co.	Experiment station	Ice			19.79
30	J. W. Borer & Son	do	Brooms			2.90
30	Libbey, Bittinger & Miller	do	Lumber			134.40
31	M. W. Beveridge	do	Pans			13.80
31	B. Westernman & Co	Laboratory	Books			44.84
24	W. M. Galt & Co.	Experiment station	Feed			186.94
			Total for month	120.00		4,955.64
Aug. 3	Belt & Dyer	Laboratory	Doors			15.00
3	Richard Kny & Co.	do	Rubber tubing			7.40
3	Thomas Somerville & Sons.	do	Steam apparatus			1,147.78
5	D. W. Beveridge	do	Iron screens			18.00



7	W. B. Moses & Sons.....	Experiment station.....	Furniture.....	35.20
7	L. H. Hopkins.....	do.....	Hardware.....	35.99
7	F. E. Hopkins.....	do.....	Nails.....	14.53
8	Geo. E. Hutchins.....	Laboratory.....	Plumbing.....	9.41
8	Robert Leitch & Sons.....	do.....	Steam-fittings, etc.....	269.95
10	People's Dispatch and Transfer Co.....	do.....	Freight.....	6.12
17	Thos. T. Keane.....	do.....	Hides.....	12.02
17	Winarth & Edmonston.....	do.....	Ice chest.....	15.00
18	W. H. Lacy.....	do.....	Plastering.....	15.00
21	B. Westermann & Co.....	do.....	Books.....	27.38
22	W. B. Moses & Sons.....	do.....	Desk, etc.....	64.00
22	Geo. N. Holland.....	Experiment station.....	Lime, etc.....	19.36
22	Geo. W. Talbot.....	do.....	Cabbages.....	16.89
27	Ernest Betz.....	Laboratory.....	Copper and galvanized ironwork.....	250.95
			Total for month.....	\$1,981.03
Sept. 3	Joseph F. Collins.....	Laboratory.....	Paving, etc.....	1,981.03
3	James Cochran.....	do.....	Bolts, etc.....	323.88
18	Robt. Leitch & Sons.....	do.....	Waste, valves, etc.....	8.20
24	C. W. Magill.....	do.....	Cutting slate slab.....	35.83
25	D. Pifferling.....	Experiment station.....	Eleven cattle.....	1.50
30	Ellen T. Keane.....	do.....	Rent, June.....	222.00
30	do.....	do.....	Rent, January to June.....	45.00
30	Einmer & Amend.....	Laboratory.....	Instruments, etc.....	150.00
			Total for month.....	43.20
				829.61
Oct. 1	Tobias Talbot, sr.....	Experiment station.....	Horse, June.....	200.00
3	Winarth & Edmonston.....	Laboratory.....	Filter.....	56.00
6	Einmer & Amend.....	do.....	Chemicals, etc., June.....	1,241.03
6	do.....	do.....	Alcohol, June.....	215.11
6	do.....	Experiment station.....	Chemical apparatus, June.....	44.53
14	J. W. Boteler & Son.....	Laboratory.....	Ice chest, June.....	36.00
31	Einmer & Amend.....	do.....	Chemicals, June.....	13.75
31	do.....	do.....	Chemical apparatus, etc., June.....	103.11
			Total for month.....	1,909.53
			Grand total.....	8,189.32
				\$241.09
				16,551.74

*Expended from the appropriation for 1890-'91—Continued.*

SWINE DISEASES.

Date.	Name.	Remarks.	For what paid.	Salaries.	Traveling expenses.	Miscellaneous.
<b>1890.</b>						
<b>July</b>						
31	Theobald Smith		Salary, July	\$189.50		
31	F. L. Kilborne		do	151.60		
31	C. S. Meyers		do	55.60		
			Total for month	396.70		
<b>Aug.</b>						
7	F. L. Kilborne	New Jersey	Expenses, July 21 to 23 and 26 to 28		\$32.05	\$10.84
9	E. C. Schroeder	Virginia	Expenses, July 21 to 23		16.20	
22	Theobald Smith	New Jersey	Expenses, July 22 to 23		10.67	
			Total for month		58.92	10.84
<b>1891.</b>						
<b>Jan.</b>						
14	G. A. Shallenberger		Pigs			42.00
17	Norman Bestor		do			48.00
23	C. H. King		do			48.00
31	Theobald Smith		Salary, January	193.70		
31	F. L. Kilborne		do	155.00		
31	C. S. Meyers		do	56.80		
			Total for month	405.50		138.00
<b>Feb.</b>						
26	Libbey, Bittinger & Miller.		Lumber.			70.62
28	Theobald Smith		Salary, February	175.10		
28	F. L. Kilborne		do	140.00		
28	C. S. Meyers		do	56.00		
			Total for month	371.10		70.62
<b>Mar.</b>						
2	John F. Talbert.		Carpenter, February.	72.00		
6	Alfred Burnett.		Pigs			12.00
10	Geo. N. Holland.		Shovels.			3.00
25	Alfred Burnett.		Pigs			33.00
25	Norman Bestor		Sows			85.00
31	Theobald Smith		Salary, March	193.70		
31	F. L. Kilborne		do	155.00		
31	C. S. Meyers		do	62.00		
			Total for month	482.70		133.00
<b>Apr.</b>						
2	Wm. H. Lacy		Pigs, etc			13.25
16	Minnis & Martyn.		Iron rods			2.76

16	C. H. Dana.....	Labels.....		15.00
27	F. L. Kilborne.....	Pigs.....		13.00
27	H. R. Dement.....	do.....		27.00
30	Theobald Smith.....	Salary, April.....	185.40	
30	F. L. Kilborne.....	do.....	148.30	
30	C. S. Meyers.....	do.....	59.30	
		Total for month.....	393.00	71.01
<b>May</b>				
19	John A. Baker.....	Hog rings, etc.....		4.40
21	Norman Bestor.....	Pigs.....		41.00
31	Theobald Smith.....	Salary, May.....	191.70	
31	F. L. Kilborne.....	do.....	183.40	
31	C. S. Meyers.....	do.....	61.40	
		Total for month.....	435.90	45.40
<b>June</b>				
18	Norman Bestor.....	Pigs.....		42.00
30	Theobald Smith.....	Salary, June.....	185.40	
30	F. L. Kilborne.....	do.....	148.30	
30	C. S. Meyers.....	do.....	59.30	
		Total for month.....	393.00	42.00
<b>July</b>				
3	Norman Bestor.....	Pigs.....		30.00
8	G. A. Shallenberger.....	do.....		91.00
28	Libbey, Bittinger & Miller.....	Lumber.....		270.05
		Total for month.....	\$391.06	391.06
<b>Aug</b>				
7	L. H. Hopkins.....	Hardware.....		47.60
27	A. Hoen & Co.....	Illustrations.....		1,050.00
		Diseases, swine.....		
		Total for month.....	\$1,097.60	1,097.60
		Grand total.....	4,906.95	1,999.53

## COLLECTING INFORMATION.

1890.				
<b>July</b>				
31	A. G. Asdikian.....	Salary, July.....	\$101.10	
<b>Aug.</b>				
1	E. A. Carman.....	Salary for July.....	134.80	
6	Watson Pickrell.....	Salary and expenses, July.....	270.00	\$94.62
8	H. Romaine.....	Salary for July.....	134.80	
8	W. A. Armstrong.....	do.....	101.10	
9	S. W. Campbell.....	Salary and expenses, July.....	134.80	42.02
		Total for month.....	775.50	136.64



*Expended from the appropriation for 1890-'91—Continued.*  
COLLECTING INFORMATION—Continued.

Date.	Name.	Remarks.	For what paid.	Salaries.	Traveling expenses.	Miscellaneous.
1891.						
Jan. 17	J. A. Dodge		Salary and expenses, December	\$117.90	\$2.06	
28	H. A. Heath		do	134.80	24.25	\$6.00
31	A. G. Asdikian		Salary for January	103.30		
			Total for month	356.00	26.31	6.00
Feb. 5	Watson Pickrell		Salary and expenses, January	270.00	51.45	
9	H. Romaine		Salary for January	137.80		
9	S. W. Campbell		do	137.80		
16	H. A. Heath		Salary and expenses, January	137.80	4.00	7.50
16	J. T. McNeely		Salary for January	137.80		
16	H. J. Harwi		do	120.60		
28	A. G. Asdikian		Salary for February	93.40		
			Total for month	1,035.20	55.45	7.50
Mar. 5	Watson Pickrell		Salary and expenses, February	240.00	23.25	
6	James A. Dodge		Salary and expenses for January	120.60	38.89	
6	H. Romaine		Salary for February	124.40		
11	J. T. McNeely		do	124.40		
11	Henry J. Harwi		do	108.80		
13	C. B. and Q. R. Co.		Transportation		15.60	
17	H. A. Heath		Salary and expenses, February	124.40	73.08	13.15
17	J. A. Dodge		do	108.80	14.09	
31	A. G. Asdikian		Salary for March	103.30		
4	S. W. Campbell		Salary for February	124.40		
			Total for month	1,179.10	164.91	13.15
Apr. 7	H. Romaine		Salary for March	137.80		
9	Watson Pickrell		Salary and expenses, March	260.00	62.25	
10	Sam'l W. Campbell		Salary for March 1 to 29	128.89		
11	H. A. Heath		Salary and expenses, March	137.80	30.75	12.00
11	J. T. McNeely		Salary for March	137.80		
11	Henry J. Harwi		do	120.60		
14	J. A. Dodge		Salary and expenses, March	120.60	2.25	
16	A. J. Bartlett, administrator estate of W. A. Armstrong		Salary for August, 1 to 21	68.48		
30	A. G. Asdikian		Salary for April	98.90		
			Total for month	1,210.87	95.25	12.00

May	4	H. Romaine.....	Salary for April.....	131.90	29.85	.....
	6	Watson Pickrell.....	Salary and expenses, April.....	260.00	20.70	.....
	8	Missouri Pacific Rwy. Co.....	Transportation.....	.....	.....	.....
	18	J. T. McNeely.....	Salary for April.....	131.90	.....	.....
	18	J. A. Dodge.....	Salary and expenses, April.....	115.40	15.76	.....
	18	Henry J. Harwi.....	Salary for April.....	115.40	.....	.....
	20	E. A. Carman.....	Article, "Sheep and Wool Industry of United States,".....	.....	600.00	.....
	28	H. A. Heath.....	Salary and expenses, April.....	131.90	51.45	1.75
	31	A. G. Asdikian.....	Salary for May.....	102.20	.....	.....
			Total for month.....	988.70	117.76	601.75
June	2	Watson Pickrell.....	Salary and expenses, May.....	260.00	169.90	.....
	8	H. Romaine.....	Salary for May.....	136.20	.....	.....
	12	J. A. Dodge.....	Salary and expenses, May.....	119.20	4.02	.....
	12	H. J. Harwi.....	Salary for May.....	119.20	.....	.....
	12	J. T. McNeely.....	do.....	136.20	.....	.....
	16	Chicago, Milwaukee and St. Paul Rwy. Co.....	Transportation.....	.....	9.28	.....
	30	A. G. Asdikian.....	Salary for June.....	98.90	.....	.....
			Total for month.....	869.70	183.20	.....
July	3	John Minto.....	Salary and expenses, April.....	115.40	4.55	.....
	16	Watson Pickrell.....	Salary and expenses, June.....	260.00	158.90	.....
	16	J. A. Dodge.....	do.....	115.40	41.69	.....
	17	H. A. Heath.....	do.....	131.90	63.30	.....
	17	H. Romaine.....	do.....	131.90	.....	.....
	17	J. T. McNeely.....	do.....	131.90	.....	.....
	17	Henry J. Harwi.....	do.....	115.40	.....	.....
	22	Nelly M. Pether.....	Typewriting, etc.....	.....	12.00	.....
	30	John Minto.....	Salary and expenses, May.....	119.20	17.00	.....
	30	do.....	Salary and expenses, June.....	115.40	15.60	.....
	31	Leon A. La Croix.....	Typewriting.....	.....	5.00	.....
	31	H. A. Heath.....	Salary and expenses, May.....	136.20	103.75	.....
			Total for month.....	1,372.70	404.79	17.00
Aug.	5	Great Northern R. R. Co.....	Transportation.....	.....	40.00	.....
	10	M. K. and T. Rwy.....	do.....	.....	31.10	.....
	12	S. D. McGavran.....	Typewriting, etc.....	.....	8.00	.....
	21	J. A. Dodge.....	Expenses, June.....	.....	5.50	.....
	26	Chicago, Milwaukee and St. Paul Rwy. Co.....	Transportation.....	.....	7.60	.....
	27	E. A. Carman.....	Article on "Sheep and Wool Industry of United States,".....	.....	600.00	.....
			Total for month.....	.....	84.20	608.00

*Expended from the appropriation for 1890-'91—Continued.*

COLLECTING INFORMATION—Continued.

Date.	Name.	Remarks.	For what paid.	Salaries.	Traveling expenses.	Miscellaneous.
1891, Oct. 14	Chicago and Northwestern Rwy. Co.		Transportation		\$43.30	
Nov. 4	Chicago and Northwestern Rwy. Co.		Transportation		16.35	
	<i>Transportation orders.</i>					
	H. A. Heath.	Omaha to Topeka.			6.98	
	J. T. McNelly.	Cheyenne to Denver.			4.30	
	do.	Cheyenne to Laramie.			2.85	
	do.	Laramie to Rollins.			6.85	
	do.	Rollins to Evanston.			12.35	
	do.	Evanston to Cheyenne.			22.05	
	do.	Council Bluffs to Sioux City.			2.27	
	H. A. Heath.	Topeka to Lincoln.			5.00	
	do.	Kansas City to Cheyenne.			19.55	
	Watson Pickrell.	Cheyenne to Greeley.			2.20	
	do.	Greeley to Denver.			2.10	
	John Minto.	Portland to Baker City.			26.06	
	Watson Pickrell.	Telegraph message, Omaha to St. Louis.				\$1.49
		Total.	\$114.05		112.56	1.49
		Grand total.	\$10,596.48	\$7,888.87	1,440.72	1,266.89

REPORTED DISEASES.

1891, Jan. 16	John Biemiller.	Maryland.	Cow.			\$15.00
Feb. 11	W. H. Rose.	Iowa.	Salary and expenses, Jan. 13 to 16.	\$32.00	\$17.55	
27	F. L. Kilborne.	Pennsylvania.	Expenses, Feb. 3 to 6.		34.00	
			Total for month.	32.00	51.55	
Mar. 10	F. E. Parsons.	Iowa.	Salary and expenses, February, 5 days.	22.22	13.75	
18	F. L. Kilborne.	Pennsylvania.	Expenses, March 1 to 5.		32.35	
26	James Grozier.	do.	2 cows.			45.00
			Total for month.	22.22	46.10	45.00



April 8	Jas. A. Walrath	Pennsylvania	Salary and expenses, March 17 to 25	50.00	38.13
14	Wm. B. E. Miller	do	Salary and expenses, March 14 to 15 and 18	13.36	12.60
22	A. M. Farrington	do	Expenses, March 17 to 18		22.79
			Total for month	63.36	73.52
June 11	Wm. B. E. Miller	Pennsylvania	Salary and expenses, May 5 to 11	30.77	52.69
July 25	R. W. Hickman	Nebraska	Salary and expenses, June 3 to 9	56.00	42.87
			Grand total	204.35	266.73
					60.00

## STOCK YARDS AND EXPORT CATTLE INSPECTION.

1890.					
July 23	James H. Sanders	Great Britain	Expenses July 3 to 9		\$80.00
	W. H. Wray	do	Expenses July 17 to 21		170.30
			Total for month		187.30
Aug. 6	Edward Story		Salary and expenses, July 15 to 31	\$64.67	34.00
8	J. M. Wardlaw		Salary and expenses, July	134.80	14.25
8	Albert Dean	Kansas City	Salary for July	151.60	
8	A. J. McCoy	do	do	134.80	
8	Chas. E. Collins	do	do	101.10	
8	Howard Rhoads	do	do	101.10	
8	Saml. H. Pierce	Chicago	do	117.90	
9	A. D. Melvin	do	Salary and expenses, July 1 to 20	108.70	1.76
9	do	do	Salary and expenses, July 21 to 31	59.80	151.67
9	W. H. Wray	Great Britain	Salary, July 16 to 31	112.00	
9	Jas. F. Ryder	do	Salary and expenses, July 18 to 31	60.89	105.47
28	W. H. Wray	do	Salary, July 1 to 15	130.00	
			Total for month	1,277.36	307.15
1891.					
Jan. 12	James Welch	New York	Salary and expenses, December	84.20	12.80
12	Chas. A. Forshew	do	do	84.20	12.58
12	Henry Brister	do	do	101.10	20.38
12	Geo. Cornish	do	do	84.20	19.04
12	Wm. Foley	do	do	84.20	19.04
12	Hiram Jerome	do	do	84.20	17.28
12	Thos. H. Ashe	do	Salary and expenses, Dec. 15 to 31	64.67	10.84
12	James Stikeman	do	Office rent		45.83
12	Joseph Jarvis	do	Salary and expenses, Dec. 20 to 31	22.50	4.60
12	James Russell	do	do	22.50	4.60
12	James Flannery	do	do	20.00	4.92
12	Chas. W. Petty	do	Salary and expenses, Dec. 22 to 31	20.00	62.94
13	A. H. Rose	Boston	Expenses, December	36.00	
14	W. H. Wray	London	Salary and expenses, December	300.00	131.16
					6.41
					6.38

*Expended from the appropriation for 1890-'91—Continued.*

STOCK YARDS AND EXPORT CATTLE INSPECTION—Continued.

Date.	Name.	Remarks.	For what paid.	Salaries.	Traveling expenses.	Miscellaneous.
1891.						
Jan. 14	A. D. Melvin.....	Liverpool.....	Salary and expenses, December.....	\$108.50	\$96.46	
16	J. F. Ryder.....	Glasgow.....	do.....	151.60	60.00	
16	A. W. Clement.....	Baltimore.....	do.....	168.50	78.60	
16	James Boyd.....	do.....	do.....	75.00	32.55	
16	Robert Fisher.....	do.....	do.....	72.50	30.56	
16	D. Holland.....	do.....	do.....	75.00	23.50	
16	Frederick Gross.....	do.....	do.....	72.50	21.92	
16	Wm. H. Bogart.....	Chicago.....	do.....	84.20	56.57	
16	I. L. Ball.....	Baltimore.....	Salary for December.....	84.20		
16	Dighton Granger.....	Chicago.....	do.....	67.50		
16	D. H. McArthur.....	do.....	do.....	60.00		
16	J. F. Clark.....	do.....	do.....	53.75		
16	Matthew Kaas.....	do.....	do.....	67.50		
16	Burt R. Law.....	do.....	do.....	62.50		
16	J. C. Whitney.....	do.....	do.....	67.50		
16	Robert Willis.....	do.....	do.....	67.50		
16	Alex. Taylor.....	do.....	do.....	67.50		
16	Wm. B. Willis.....	do.....	do.....	67.50		
16	M. J. Quirk.....	do.....	do.....	67.50		
16	A. F. Andrews.....	do.....	do.....	67.50		
16	Wm. Harpst.....	do.....	do.....	63.75		
16	E. Zimmerman.....	do.....	do.....	62.50		
16	C. C. Bone.....	do.....	do.....	52.50		
16	Henry C. Rossman.....	do.....	do.....	35.00		
16	Frank Hegg.....	do.....	do.....	22.50		
16	John Cordes.....	do.....	do.....	12.50		
16	Ches. & Pot. Telephone Co.	Baltimore.....	Rental, October to December.....			
16	Alex. Yearly & Son.....	do.....	Office rent.....			
16	Emily Lucas.....	do.....	Janitor.....			\$25.00
17	W. B. E. Miller.....	Philadelphia.....	Salary and expenses, December.....	134.80	45.00	10.00
17	Geo. Carter.....	do.....	Expenses, December.....	40.00		3.50
17	J. M. Wardlaw.....	do.....	Salary and expenses, December.....	84.20	2.37	14.10
17	Daniel Gano.....	Chicago.....	do.....	134.80	50.25	
17	Thos. Goulard.....	New York.....	Salary for December.....	168.50		28.20
17	Robt. W. Ardary.....	Pittsburg.....	Salary, Dec. 26 to 31.....	108.50		
17	Bell Telephone Co.....	Philadelphia.....	Rental Dec. 11 to 31.....	22.83		
17	Jos. P. McEnaney.....	New York.....	Salary, Dec. 20 to 31.....	32.61		6.33
17	E. S. Huff.....	Philadelphia.....	Salary for December.....	84.20		
17	James Baird.....	do.....	do.....	37.50		
17	Wm. Krause.....	do.....	do.....	32.50		

17	Louis Rosenberg	do	do	Office rent	12.50	50.00
17	C. A. Richards	Boston	do	Hog rings		21.60
19	H. Baumgarten	Chicago	do	Stationery		5.32
19	S. A. Maxwell & Co.	do	do	Salary and expenses, December	113.85	20.00
21	Geo. C. Faville	Baltimore	do	Hog rings for November 24 to 29	15.00	9.42
21	Jacob Oakes	Chicago	do	Expenses, December		7.91
21	Geo. G. Standart & Co.	do	do	Cablegram	101.10	10.00
21	Geo. C. Faville	Baltimore	do	Salary for December		119.09
22	Western Union Telegraph Co.	Chicago	do	Hog ringers		
22	James E. Drom	Buffalo	do	Lumber	101.10	
22	J. H. Brown & Co.	New York	do	Salary for December	84.20	49.00
23	E. W. McClave & Co.	Kansas City	do	Salary and expenses, December	15.32	78.00
23	Thos. W. Oshel	Buffalo	do	Stationery		
23	O. P. Vandenberg	New York	do	Inspection stamps	77.50	6.32
23	Brean Engraving and Printing	Buffalo	do	Salary and expenses, December	77.50	6.32
24	John N. Lester	do	do	do	77.50	6.32
24	T. W. Fardung	do	do	do	77.50	6.32
24	Guy A. Adams	do	do	Salary and expenses, December 20 to 31	45.65	2.40
24	David Parker	do	do	Salary and expenses, December	101.10	30.00
24	E. E. Hoover	do	do	do	364.50	3.07
26	J. H. Sanders	London	do	Salary and expenses, November	337.50	10.71
26	do	do	do	Salary for December	117.55	
26	Jas. Irwin	East St. Louis	do	Salary for October 1 to 17	117.90	
28	Frances A. McCoy and Louis A. McCoy, executors of the estate of Andrew J. McCoy	Kansas City	do	do	73.91	
28	Ross & Austin	Chicago	do	Office rent, December		20.00
31	Edward Story	do	do	Salary for January	120.00	
Total for month					5,862.77	1,216.29
Expenses, January					103.30	60.00
5	D. R. Alton	Indianapolis	do	Salary for January	120.60	
5	Robt. W. Ardary	Pittsburg	do	do	120.60	
5	A. M. Hunter	Parsons, Kans	do	do	137.80	
5	S. H. Pierce	Chicago	do	Cablegrams		5.27
7	Western Union Telegraph Co.	do	do	Transportation	224.00	17.00
7	Baltimore and Ohio R. Co.	New York	do	Salary and expenses, January	28.43	2.50
9	C. B. Michener	Baltimore	do	do	270.00	72.30
9	Geo. C. Faville	do	do	do	172.20	68.65
9	A. W. Clement	do	do	do	75.00	18.74
9	James Boyd	do	do	do	75.00	12.75
9	D. Holland	do	do	Salary for January	86.10	
9	I. L. Ball	do	do	Salary and expenses, January	72.50	11.90
9	Robt. Fisher	do	do	do	72.50	11.80
9	Fred'k Gross	do	do	Office rent		10.00
9	Alex. Yearley & Son	do	do	Services		3.50
9	Emily Lucas	do	do	Expenses, January	71.66	14.94
10	Alvord H. Rose	Boston	do	Salary and expenses, January	120.60	5.78
10	Wm. H. Way	do	do	do	86.10	5.20
10	Thos. Coyle	do	do	do		

Feb. 4



*Expended from the appropriation for 1890-'91—Continued.*

STOCK YARDS AND EXPORT CATTLE INSPECTION—Continued.

Date.	Name.	Remarks.	For what paid.	Salaries.	Traveling expenses.	Miscellaneous.
1891.						
Feb. 10	J. W. Hitchings	Boston	Salary and expenses, January	\$86.10	\$5.54	.....
10	E. R. Hendley	do	Salary for January	86.10	.....	.....
10	C. F. Raymond	do	Salary and expenses, January	67.50	6.74	.....
10	L. L. Ballard	do	do	67.50	5.54	.....
10	Luther Holton	do	do	67.50	5.54	.....
10	C. A. Richards	do	Office rent, January	.....	.....	\$50.00
10	New England Telephone and Telegraph Co.	do	Rental, January	.....	.....	10.00
10	Henry Brister	New York	Salary and expenses, January	120.60	18.88	.....
10	Wm. Foley	do	do	86.10	19.28	.....
10	Geo. Cornish	do	do	86.10	17.54	.....
10	Hiram Jerome	do	do	86.10	16.59	.....
10	J. P. McEnaney	do	Salary for January	86.10	.....	.....
10	Jas. Flannery	do	Salary and expenses, January	65.00	13.68	.....
10	Jos. Jarvis	do	do	65.00	13.38	.....
10	Jas. Russell	do	do	65.00	13.38	.....
10	Chas. W. Petty	do	do	65.00	3.97	.....
10	Metropolitan Telephone and Telegraph Co.	do	Rental, etc., December	.....	.....	24.45
11	Thos. H. Ashe	do	Salary and expenses, January	120.60	15.51	.....
11	R. W. Hickman	Chicago	do	172.20	45.00	1.05
11	Wm. H. Bogart	do	do	86.10	3.15	.....
11	George Carter	Philadelphia	do	86.10	.75	.....
11	W. H. Rose	Kansas City	Salary and expenses, January 1 to 12—17 to 31	176.00	33.75	.....
11	Albert Dean	do	Salary and expenses, January	155.00	33.25	.....
11	David M. Ward	do	Salary for January	120.60	.....	.....
11	Joseph Bruser	do	do	120.60	.....	.....
11	Thos. W. Oshel	do	do	103.30	.....	.....
11	Chas. E. Collins	do	do	103.30	.....	.....
11	H. F. Salckeld	Chicago	do	86.10	.....	.....
11	W. B. E. Miller	Philadelphia	Salary and expenses, January	137.80	45.00	.....
11	do	do	Taggers, January	15.50	.....	.....
11	Edwin S. Huff	do	Salary for January	86.10	.....	.....
11	James Baird	do	do	67.50	.....	.....
11	Wm. Krause	do	do	67.50	.....	.....
11	Lonis Rosenberg	do	do	67.50	.....	.....
11	Dighton Granger	Chicago	do	67.50	.....	.....
12	D. H. McArthur	do	do	67.50	.....	.....
12	J. F. Clark	do	do	33.75	.....	.....
12	Matthew Kaas	do	do	67.50	.....	.....
12	Burt R. Law	do	do	60.00	.....	.....

12	J. C. Whitney	do	do	60.00	.....
12	Robert Willis	do	do	67.50	.....
12	Alex. Taylor	do	do	67.50	.....
12	M. J. Quirk	do	do	65.50	.....
12	Win. B. Wills	do	do	67.50	.....
12	A. F. Andrews	do	do	65.00	.....
12	Wm. Harpst	do	do	67.50	.....
12	Emil Zimmerman	do	do	67.50	.....
12	C. C. Bone	do	do	67.50	.....
12	Frank Hugg	do	do	67.50	.....
12	John Gentes	do	do	67.50	.....
12	John Fitzsimmons	do	do	67.50	.....
12	Ross & Austin	do	do	67.50	.....
12	Chicago Telephone Co.	do	do	67.50	.....
13	Guy A. Adams	Buffalo	Office rent	20.00	.....
13	E. E. Hoover	do	Rental, November 24 to December 31	12.62	.....
13	Thos. Goulard	New York	Salary and expenses, January	5.80	.....
16	W. H. Wray	London	Salary for January	103.30	.....
16	A. D. Melvin	Liverpool	Salary and expenses, January	30.00	.....
16	T. L. Armstrong	do	do	129.68	.....
16	Daniel Gano	Chicago	do	172.20	.....
16	J. M. Wardlaw	do	do	310.00	.....
16	Jas. Irwin	East St. Louis	Salary for January	172.30	.....
16	David Parker	Buffalo	Salary and expenses, January	97.33	.....
16	Jas. E. Droni	Chicago	do	155.00	.....
16	John N. Lester	Buffalo	Salary for January	150.00	.....
16	H. Baumgarten	Chicago	Salary and expenses, January	137.80	.....
18	do	do	do	5.00	.....
18	J. F. Ryder	Glasgow	Hog rings	120.60	.....
18	Howard Rhoads	Kansas City	50,000 tags	.92	.....
18	Henry C. Rossmann	Chicago	Salary and expenses, January	103.30	.....
19	H. Baumgarten	do	Hog rings	6.00	.....
19	James Stikeman	New York	Salary for January	21.60	.....
19	C. J. Stewart & Sons	Baltimore	Salary and expenses, January	850.00	.....
20	John Bingham	New York	do	4.75	.....
20	N. Boltwood	do	Hog rings, etc.	26.60	.....
20	W. F. Braden	Pittsburg	Stationery	45.83	.....
20	Chas. L. Bucki & Co	New York	Stationery	42.60	.....
20	O. P. Vandenberg	Buffalo	Hardware	11.40	.....
20	T. W. Farthing	do	do	7.35	.....
20	Metropolitan Telephone and Tele-	New York	Salary for January	86.10	.....
20	graph Co.	do	Lumber	45.26	.....
25	Edward Story	New York	Salary and expenses, January	5.02	.....
28	do	do	do	5.32	.....
			Rental, etc., January	22.70	.....
			Salary for February	108.80	.....
			Total for month	8, 106.35	.....
				1, 192.05	.....
				1, 278.67	.....
Mar.	A. W. Clement	Baltimore	Salary and expenses, February	66.70	.....
4	Geo. C. Faville	do	do	87.40	.....
4	James Boyd	do	do	70.00	.....
4	L. L. Ball	do	do	9.65	.....
4	Robt. W. Arlary	Pittsburg	Salary for February	77.80	.....
4	W. F. Braden	do	do	108.80	.....
4	do	do	do	77.80	.....

*Expended from the appropriation for 1890-'91—Continued.*

STOCK YARDS AND EXPORT CATTLE INSPECTION—Continued.

Date.	Name.	Remarks.	For what paid.	Salaries.	Traveling expenses.	Miscellaneous.
1891.						
Mar. 4	S. H. Pierce.....	Chicago.....	Salary for February.....	\$124.40		
4	D. R. Alton.....	Indianapolis.....	do.....	93.40		
4	Geo. C. Paville.....	Baltimore.....	Expenses, January.....			\$8.73
5	E. S. Huff.....	Philadelphia.....	Salary for February.....	77.80		
5	James Baird.....	do.....	do.....	60.00		
5	Wm. Krause.....	do.....	do.....	60.00		
5	Louis Rosenberg.....	do.....	do.....	60.00		
5	Wm. H. Hendrickson.....	do.....	do.....	17.50		
5	E. E. Hoover.....	Buffalo.....	Salary and expenses for February.....	93.40	\$12.92	
5	David Holland.....	Baltimore.....	do.....	70.00	10.10	
5	George Carter.....	Philadelphia.....	do.....	77.80	.97	
5	W. B. E. Miller.....	do.....	do.....	124.40	45.00	
5	A. M. Hunter.....	Parsons.....	Salary for February.....	108.80		
5	Thos. Goulard.....	New York.....	do.....	155.60		
5	Jos. P. McEnaney.....	do.....	do.....	77.80		
5	O. P. Vandenberg.....	Buffalo.....	Salary and expenses for February.....	77.80	3.92	
5	John N. Lester.....	do.....	do.....	3.32		
5	Thos. W. Farthing.....	do.....	do.....	62.50	5.12	
5	Alex. Yearley & Son.....	Baltimore.....	Office rent.....			
5	Emily Lucas.....	do.....	Janitor.....			10.00
7	Fredk. Gross.....	do.....	Salary and expenses for February.....			2.50
7	Robt. Fisher.....	do.....	do.....	70.00	9.78	
10	Jas. A. Cunningham.....	do.....	Salary and expenses, Feb. 16 to 28.....	70.00	12.68	
11	C. B. Michener.....	New York.....	Salary and expenses for February.....	32.50	4.60	
11	Henry Brister.....	do.....	do.....	192.00	12.15	6.50
11	Thos. H. Ashe.....	do.....	do.....	108.80	16.60	
11	George Cornish.....	do.....	do.....	108.80	13.80	.30
11	Hiram Jerome.....	do.....	do.....	77.80	13.53	
11	James Russell.....	do.....	do.....	77.80	14.76	
11	Jas. Flannery.....	do.....	do.....	60.00	12.20	
11	Jos. Jarvis.....	do.....	do.....	60.00	12.20	
11	Jos. Jarvis.....	do.....	do.....	57.50	11.85	
11	Chas. W. Pettly.....	do.....	do.....	57.50	3.37	
11	J. M. Wardlaw.....	do.....	Salary for February.....	124.40		
11	Jas. E. Drom.....	Chicago.....	do.....	93.40		
11	James Stikeman.....	New York.....	Office rent.....			45.83
11	Archibson, Iopeka and Santa Fe R. Co.	do.....	Transportation.....		16.65	
11	A. Hoen & Co.....	do.....	Texas-fever map.....			300.00
11	Western Union Telegraph Co.....	do.....	Cablegram.....			4.97
13	Dighton Granger.....	Chicago.....	Salary for February.....	55.00		
13	D. H. McArthur.....	do.....	do.....	57.50		



13	Matthew Kaas.	do	do	60.00	
13	Burt R. Law	do	do	37.50	
13	J. C. Whitney	do	do	60.00	
13	Robert Willis	do	do	60.00	
13	Alex. Taylor	do	do	57.50	
13	M. J. Quirk	do	do	60.00	
13	A. F. Andrews	do	do	60.00	
13	Wm. B. Willis	do	do	60.00	
13	Wm. Harpst	do	do	60.00	
13	E. Zimmerman	do	do	60.00	
13	C. C. Bone	do	do	60.00	
13	H. C. Rossman	do	do	60.00	
13	Frank Hegg	do	do	60.00	
13	John Gertes	do	do	60.00	
13	John Fitzsimmons	do	do	48.75	
13	Harry Wheelock	do	do	55.00	
13	Thos. J. O'Leary	do	do	12.50	
13	R. W. Hickman	do	Salary and expenses, February	155.60	45.00
13	Wm. H. Bogart	do	do	77.80	2.15
13	Wm. Foley	New York	do	16.87	
13	Howard Rhoads	do	do	124.40	70.40
13	Daniel Gano	Chicago	do	144.00	
13	Wm. H. Way	Boston	do	108.80	5.56
13	J. W. Hitchings	do	do	77.80	5.32
13	L. L. Bullard	do	do	60.00	4.58
13	Luther Holton	do	do	60.00	4.33
13	H. F. Salkeld	Chicago	Salary for February	77.80	
13	Chas. E. Collins	Kansas City	do	93.40	
13	D. M. Ward	do	do	108.80	
13	Joseph Bruser	do	do	108.80	
13	Albert Dean	do	do	140.00	
13	Thos. W. Oshel	do	do	93.40	
13	Chicago Telephone Co	Chicago	Rental, January and February		
13	New England Telephone and Telegraph Co.	Boston	Rental, February		20.83
16	A. H. Rose	do	Expenses, February		10.00
16	David Parker	Buffalo	Salary and expenses, February	108.80	63.90
16	Guy A. Adams	do	do	60.00	19.69
16	Daniel Gano & Son	Chicago	Office rent		4.92
16	Ross & Austin	do	do		25.00
16	Geo. C. Faviile	Baltimore	Expenses, February		15.68
16	E. R. Hendley	Boston	Salary and expenses, February		
17	Thos. Coyle	do	do	77.80	11.25
18	W. H. Wray	London	do	77.80	15.32
18	A. D. Melvin	Liverpool	do	280.00	136.48
18	J. F. Ryder	Glasgow	do	155.00	128.98
18	W. H. Rose	do	do	140.00	85.87
18	H. Baumgarten	Chicago	do	192.00	82.19
18	T. L. Armstrong	New Orleans	Hog rings		21.60
20	Bogardus, Ellaby & Ellsworth	New York	Salary and expenses, February	140.00	33.35
21	John Shannon	Boston	Hog rings		18.00
25	H. Baumgarten	Chicago	Salary and expenses, February 9 to 28	45.00	3.38
			Hog rings		21.60

*Expended from the appropriation for 1890-'91—Continued.*

STOCK YARDS AND EXPORT CATTLE INSPECTION—Continued.

Date.	Name.	Remarks.	For what paid.	Salaries.	Traveling expenses.	Miscellaneous.
1891. Mar. 27	C. A. Richards	Boston	Office rent			\$50.00
Mar. 27	The Metropolitan Telephone and Telegraph Co.	New York	Rental, etc.			20.40
31	J. A. Hathaway	Boston	Building chute			128.92
31	do	do	do			154.46
			Total for month	\$7,195.85	\$1,153.97	987.89
Apr. 1	Geo. C. Fayville	Baltimore	Salary and expenses, March	290.00	76.30	
1	Chas. F. Nesbit	do	Salary for March 5 to 31	75.00		
2	I. L. Bell	do	Salary for March	86.10		3.50
2	Emily Lucas	do	Janitress		31.90	
3	David Holland	do	Salary and expenses, March	75.00	16.81	
3	James Boyd	do	do	75.00	15.50	
3	Robert Fisher	do	do	75.00	13.10	
3	Jas. A. Cunningham	do	do	75.00	9.54	
3	Fred'k Gross	do	do			
4	Jos. P. McEneaney	New York	Salary for March	86.10		
4	W. F. Braden	Pittsburg	do	86.10		
4	D. R. Alton	Indianapolis	do	103.30		
6	Dighton Granger	Chicago	do	60.00		
6	D. H. McArthur	do	do	65.00		
6	Matthew Kaas	do	do	65.00		
6	J. C. Whitney	do	do	60.00		
6	Robt. Willis	do	do	65.00		
6	Alex. Taylor	do	do	65.00		
6	M. J. Quirk	do	do	65.00		
6	A. F. Andrews	do	do	65.00		
6	Wm. B. Wills	do	do	65.00		
6	Wm. Harpst	do	do	65.00		
6	E. Zimmerman	do	do	62.50		
6	C. C. Bone	do	do	65.00		
6	H. C. Rossman	do	do	65.00		
6	Frank Hegg	do	do	65.00		
6	John Gerdes	do	do	65.00		
6	John Fitzsimmons	do	do	65.00		
6	Harry Wheelock	do	do	65.00		
6	Thos. J. O'Leary	do	do	65.00		
6	S. H. Pierce	do	do	137.80		
7	Wm. H. Bogart	do	Salary and expenses, March	86.10	.90	
7	H. F. Salsfeld	do	Salary for March	86.10		

7	Jas. Irwin.....	East St. Louis.	Salary and expenses, February	108.80	25.35
7	A. W. Clement	Baltimore.	Salary and expenses, March	172.20	105.05
7	James Welch	Buffalo.....	Salary and expenses, March 16 to 31	44.44	29.46
7	Guy A. Adams	do	Salary and expenses, March	65.00	1.52
7	T. W. Farthing	do	do	86.10	2.12
7	O. P. Vandenberg	do	do	120.60	30.00
7	David Parker	do	do	120.60	7.90
7	Wm. H. Way	Boston	do	86.10	14.18
7	Thos. Coyle	do	do	65.00	6.30
7	John Shannon	do	do	65.00	5.82
7	Luther Holton	do	Salary and expenses, March 9 to 31	75.67	13.15
7	Alex. Yearley & Son	Baltimore	Office rent	10.00	
7	S. W. Campbell	do	Salary and expenses, March 30 to 31	8.91	16.40
10	Thos. H. Ashe	Chicago	Salary and expenses, March	120.60	22.53
10	Henry Brister	New York	do	120.60	20.39
10	Wm. Foley	do	do	86.10	17.94
10	Hiram Jerome	do	do	86.10	15.98
10	James Russell	do	do	72.50	14.91
10	James Flannery	do	do	70.00	14.40
10	James Stikeman	do	Office rent		45.83
11	E. S. Huff	Philadelphia	Salary for March	86.10	
11	James Baird	do	do	70.00	
11	Wm. Krause	do	do	70.00	
11	Louis Rosenberg	do	do	50.00	
11	Wm. H. Hendrickson	do	Salary and expenses, March	86.10	1.61
11	George Carter	do	do	240.00	13.94
11	C. B. Michener	New York	do	86.10	19.04
11	Geo. Cornish	do	do	83.33	73.35
11	Wm. S. Wade	Kansas City	Salary and expenses, Mar. 7 to 31	155.00	
11	Albert Dean	do	Salary for March	120.60	
11	Joseph Bruser	do	do	120.60	
11	D. M. Ward	do	do	103.30	
11	Thos. W. Oshel	do	do	103.30	
11	Chas. E. Collins	do	do	103.30	
11	E. E. Hoover	Buffalo	do	103.30	
11	R. W. Hickman	Chicago	Salary and expenses, March	172.20	45.00
11	J. M. Wardlaw	do	Salary for March	137.80	
11	E. R. Hendley	Boston	Salary and expenses, March	86.10	15.10
11	J. W. Hitchings	do	do	86.10	7.02
11	L. L. Bullard	do	do	65.00	6.54
11	R. W. Hickman	Chicago	Expenses, March		
11	Ross & Austin	do	Office rent	17.55	
11	H. Baumgarten	do	Hog rings	20.00	
11	Gulf Colorado and Santa Fe Rwy. Co.	do	Transportation	21.60	
13	Western Union Telegraph Co.	do	Cablegrams	10.50	4.66
14	J. H. Sanders	London	Salary and expenses, Jan. 1 to Mar. 10	796.50	131.00
14	Wm. B. E. Miller	Philadelphia	Salary and expenses, March (28 days)	124.44	45.25
14	Howard Rhoads	do	Salary and expenses, March	137.80	43.25
14	A. M. Hunter	Parsons	Salary for March	120.60	
14	Jos. Jarvis	New York	Salary and expenses, March	72.60	14.91
14	Chas. W. Petty	do	do	65.00	6.30



*Expended from the appropriation for 1890-'91—Continued.*

STOCK YARDS AND EXPORT CATTLE INSPECTION—Continued.

Date.	Name.	Remarks.	For what paid.	Salaries.	Traveling expenses.	Miscellaneous.
1891.						
Apr. 16	W. H. Wray	London	Salary and expenses, March.	\$310.00	\$131.00	.....
16	A. D. Melvin	Liverpool	do	172.20	97.18	.....
16	J. F. Ryder	Glasgow	do	155.00	66.58	.....
16	W. H. Rose	Boston	do	208.00	119.58	.....
16	A. H. Rose	Boston	Expenses, March		97.21	.....
16	Edward Story	Pittsburg	Salary and expenses, March	120.60	34.50	.....
16	Robt. W. Ardary	do	Salary for March	120.60		.....
16	H. Baumgarten	do	50,000 tags			\$850.00
16	Chesapeake and Potomac Telephone Co.	Baltimore	Rental, January to March			25.00
16	Geo. C. Faville	do	Expenses, March			2.75
16	J. H. Mann	Philadelphia	Blank book			2.00
16	Bell Telephone Co	do	Rental, January to March			30.00
16	J. N. Lester	Buffalo	Salary and expenses, March	65.00	1.52	.....
18	New England Telephone and Telegraph Co.	Boston	Rental, March			10.00
21	Jas. Irwin	East St. Louis	Salary and expenses, March	120.60	18.80	.....
21	C. A. Richards	Boston	Office rent			80
21	Chicago Telephone Co	Chicago	Rental			50.00
21	A. H. Rose	Boston	Expenses, March			10.42
23	Robt. S. Forbes	New York	Expenses, April 15 to 22			19.00
27	B. B. Maginn	Chicago	Plumbing		57.51	.....
27	Texas and Pacific Rwy. Co.	do	Transportation		36.00	25.00
27	Richmond and Danville R. R. Co.	do	do		29.35	.....
30	The Metropolitan Telephone and Telegraph Co.	New York	Rental			21.85
			Total for month	8,893.19	1,651.01	1,173.06
			\$11,717.26			
May						
1	A. W. Clement	Baltimore	Salary and expenses, April	104.80	51.00	.....
4	Edwin S. Huff	Philadelphia	Salary for April	82.40		.....
4	James Baird	do	do	67.50		.....
4	Wm. Krause	do	do	67.50		.....
4	Louis Rosenberg	do	do	67.50		.....
4	Wm. H. Hendrickson	do	do	30.00		.....
4	Robt. Fisher	Baltimore	Salary and expenses, April	75.00	15.16	.....
4	J. A. Cunningham	do	do	72.50	13.24	.....
4	Jas. Boyd	do	do	72.50	12.89	.....
4	Geo. Carter	Philadelphia	do	82.40	1.17	.....
4	I. L. Ball	Baltimore	Salary for April	82.40		.....
4	D. Holland	do	Salary and expenses, April	72.50	8.40	.....
4	Robt. W. Ardary	Pittsburg	Salary for April	115.40		.....

4	D. R. Alton	Indianapolis	do	Office rent	98.90		10.00
4	Alex. Yearley & Son	Baltimore	do	Salary and expenses, April	72.50	10.96	
4	Fredk. Gross	do	do	Janitress			3.50
4	Emily Lucas	do	do	Stationery			3.18
4	J. H. Mann	Philadelphia	do	Hog rings			43.20
4	H. Baumgarten	Chicago	do	Salary and expenses, April	115.40	3.14	
5	Wm. H. Way	Boston	do	do	82.40	14.57	
5	Thos. Coyle	do	do	do	82.40	8.53	
5	E. R. Hendley	do	do	do	82.40	4.34	
5	J. W. Hitchings	do	do	do	65.00	3.86	
5	L. L. Bullard	do	do	do	65.00	3.38	
5	John Shannon	do	do	do	155.00		
5	Luther Holton	Indianapolis	do	Salary for March	131.90	45.00	
5	T. L. Armstrong	Philadelphia	do	Salary and expenses, April	82.40	15.98	
5	W. B. E. Miller	New York	do	do	65.00	15.98	
5	Hiram Jerome	do	do	do	65.00	5.21	
5	James Russell	do	do	do			
5	Chas. W. Petty	Boston	do	Office rent			50.00
5	C. A. Richards	do	do	Rental			10.00
5	New England Telephone and Telegraph Co.	do	do				
7	Geo. C. Faville	Baltimore	do	Salary and expenses, April	270.00	113.90	.11
8	Edward Story	do	do	Salary for April	115.40		
8	Western Union Telegraph Co.	do	do	Cablegrams			5.74
8	Dighton Granger	Chicago	do	Salary for April	40.00		
9	D. H. McArthur	do	do	do	65.00		
9	Matthew Kaas	do	do	do	65.00		
9	J. C. Whitney	do	do	do	55.00		
9	Robert Willis	do	do	do	65.00		
9	Alex. Taylor	do	do	do	62.50		
9	M. J. Quirk	do	do	do	65.00		
9	A. F. Andrews	do	do	do	62.50		
9	Wm. R. Willis	do	do	do	65.00		
9	Wm. Harpst	do	do	do	65.00		
9	E. Zimmerman	do	do	do	65.00		
9	C. C. Bone	do	do	do	65.00		
9	H. C. Rossman	do	do	do	65.00		
9	Frank Hegg	do	do	do	65.00		
9	John Gerdas	do	do	do	60.00		
9	John Fitzsimmons	do	do	do	62.50		
9	Harry Wheelock	do	do	do	65.00		
9	Thos. J. O'Leary	do	do	do	62.50		
9	R. W. Hickman	do	do	Salary and expenses, April	208.00	45.00	
9	S. H. Pierce	do	do	do	131.90	30.00	
9	Wm. H. Bogart	do	do	do	82.40	3.10	
9	H. F. Siskeld	do	do	do	82.40		
9	B. A. Pierce	do	do	Salary for April	79.12		
9	Chas. F. Nesbit	Baltimore	do	Salary, April 13 to 30	82.40	30.78	
9	A. H. Rose	Boston	do	Salary and expenses, April	82.40	78.30	
9	do	do	do	Expenses, April			1.40
9	Ross & Austin	Chicago	do	Office rent			20.00
11	David Parker	Buffalo	do	Salary and expenses, April	115.40	30.00	

*Expended from the appropriation for 1890-'91—Continued.*

STOCK YARDS AND EXPORT CATTLE INSPECTION—Continued.

Date.	Name.	Remarks.	For what paid.	Salaries.	Traveling expenses.	Miscellaneous.
1891.						
May 11	E. E. Hoover	Buffalo	Salary for April	\$98.90		
11	James Welch	do	Salary and expenses, April	82.40	\$15.52	
11	O. P. Vandenberg	do	do	82.40	1.92	
11	J. N. Lester	do	Salary for April	70.00		
11	T. W. Farthing	do	do	65.00		
11	Guy A. Adams	do	do	65.00		
11	Albert Dean	Kansas City	do	148.30		
41	A. M. Hunter	do	do	115.40		
11	T. W. Oshel	do	do	98.90		
11	W. F. Braden	Pittsburg	do	82.40		
13	J. F. Ryder	Glasgow	Salary and expenses, April	148.30	70.31	
13	W. H. Wray	London	do	300.00	175.04	\$8.48
13	A. D. Melvin	Liverpool	do	164.80	94.25	
13	C. B. Michener	New York	do	208.00	11.68	
13	Thos. H. Ashe	do	do	115.40	14.94	.45
13	Geo. Cornish	do	do	82.40	13.68	
13	Wm. Foley	do	do	82.40	13.68	
13	W. H. Rose	Kansas City	do	208.00	38.31	
13	T. L. Armstrong	do	Expenses, March		31.50	
13	J. M. Wardlaw	New York	Salary for April	131.90		
13	J. P. McManey	do	do	82.40		
13	Joseph Jarvis	do	Salary and expenses, April	65.00	13.52	
13	Jas. Flannery	do	do	65.00	13.38	
14	D. B. Sayre	Chicago	Salary and expenses, April 18 to 20	50.02	35.25	
16	John E. Miller	do	Salary and expenses, April 21 to 30	32.97	40.45	
16	Jas. Irwin	do	Salary and expenses, April	115.40	24.10	
16	James Stikeman	New York	Office rent			45.83
16	A. A. Vantine & Co	do	Screens	12.00		2.35
16	Ch. B. Michener	do	Expenses			
16	Gulf, Colorado & Santa Fe Rwy. Co.	do	Transportation		7.40	
18	Perry Hodgden	New York	Salary and expenses, April	98.90	22.32	
18	Henry Brister	do	do	115.40	14.88	
18	Wm. S. Wade	Kansas City	do	98.90	41.25	
18	Howard Rhoads	do	Salary for April	131.90		
18	D. M. Ward	do	do	115.40		
18	Joseph Bruser	do	do	115.40		
18	Edward Allen	do	Stamps, pads, etc.			12.20
18	Lizzie Morrow	Chicago	Janitress			15.00
19	A. Ashheim, agent	do	Transportation		20.60	
19	Geo. C. Faville	Baltimore	Expenses, April			3.30
19	The Baltimore Publishing Co.	do	Stationery			3.30



20	Chas. E. Collins	Kansas City	Salary for April	98.90
21	T. L. Armstrong	do	do	148.30
21	Wm. D. Jordan	do	Salary and expenses, April 20 to 30	36.26
26	Davis & Co.	New York	Nails, etc	44.60
28	S. W. Campbell	do	Salary and expenses, April	131.90
28	J. C. Lambdin	Caldwell	Salary for April	98.90
31	Metropolitan Telephone & Telegraph Co.	New York	Rental, etc	22.55
Total for month				8,518.57
\$10,187.78				273.73
3	Geo. C. Faville	Baltimore	Salary and expenses, May	280.00
3	Geo. F. Lettie	New York	Steel tape	58.18
4	Chas. B. Michener	do	Salary and expenses, May	77.50
4	Robt. Fisher	Baltimore	do	19.84
4	Jas. Boyd	do	do	17.71
4	J. A. Cunningham	do	do	12.78
4	David Holland	do	do	11.32
4	Fredk. Gross	do	do	77.50
4	L. L. Ball	do	Salary for May	85.20
8	A. W. Clement	do	Salary and expenses, May	170.40
8	Henry Brister	New York	do	119.20
8	Jas. Russell	do	do	75.00
8	Chas. W. Petty	do	do	18.42
8	S. H. Pierce	Chicago	do	65.00
8	Jos. P. McEunney	New York	do	6.45
8	Western Union Telegraph Co.	do	Salary for May	136.20
8	James Flannery	New York	Cablegrams	85.20
9	Wm. Foley	do	Salary and expenses, May	77.50
9	Geo. Cornish	do	do	15.93
9	Hiram Jerome	do	do	13.38
9	Joseph Jarvis	do	do	85.20
9	Howard Rhoads	do	do	13.89
9	Joseph Bruser	do	do	83.20
9	A. M. Hunter	Kansas City	Salary for May	18.11
9	D. M. Ward	do	do	70.00
9	J. C. Lambdin	do	do	136.20
9	Thos. W. Oshel	Caldwell	do	119.20
9	D. H. McArthur	Springfield, Mo	do	119.20
11	Matthew Kaas	Chicago	do	102.20
11	J. C. Whitney	do	do	65.00
11	Robt. Willis	do	do	65.00
11	Alex. Taylor	do	do	45.00
11	M. J. Quirk	do	do	65.00
11	Wm. E. Willis	do	do	65.00
11	Wm. Harpst	do	do	65.00
11	E. Zimmerman	do	do	65.00
11	C. C. Bone	do	do	65.00
11	H. C. Rossman	do	do	32.50
11	Frank Hegg	do	do	65.00
11	John Gerdes	do	do	65.00
11	John Fitzsimmons	do	do	65.00

*Expended from the appropriation for 1890-'91—Continued.*

STOCK YARDS AND EXPORT CATTLE INSPECTION—Continued.

Date.	Name.	Remarks.	For what paid.	Salaries.	Traveling expenses.	Miscellaneous.
1891.						
June 11	Harry Wheelock.....	Chicago.....	Salary for May.....	\$30.00	.....	.....
11	Thos. J. O'Leary.....	do.....	do.....	7.50	.....	.....
11	John Harper.....	do.....	do.....	45.00	.....	.....
11	Geo. W. Laing.....	do.....	do.....	25.00	.....	.....
11	R. C. Boughton.....	do.....	do.....	15.00	.....	.....
11	Robt. J. Touhy.....	do.....	do.....	15.00	.....	.....
11	R. W. Hickman.....	do.....	Salary and expenses, May.....	208.00	\$45.00	.....
11	D. B. Sayre.....	do.....	do.....	119.20	40.00	.....
11	B. H. Pierce.....	do.....	Salary for May.....	136.20	.....	.....
11	John E. Miller.....	do.....	Salary and expenses, May.....	102.20	5.25	.....
11	Wm. H. Bogart.....	do.....	do.....	85.20	4.68	.....
11	H. F. Salted.....	do.....	Salary for May.....	85.20	1.77	.....
11	George Carter.....	Philadelphia.....	Salary and expenses, May.....	105.43	45.00	\$2.23
41	Wm. B. E. Miller.....	do.....	do.....	119.20	4.36	.....
11	Wm. H. Way.....	Boston.....	do.....	85.20	6.58	.....
11	E. R. Hendley.....	do.....	do.....	85.20	5.08	.....
11	J. W. Hitchings.....	do.....	do.....	85.20	4.84	.....
11	Luther Holton.....	do.....	do.....	65.00	4.58	.....
11	L. L. Bullard.....	do.....	do.....	65.00	4.58	.....
11	John Shannon.....	do.....	do.....	.....	56.70	.....
11	Alvord H. Rose.....	do.....	Expenses, May.....	.....	.....	.....
11	Lizzie Morrow.....	do.....	Janitress.....	.....	.....	.....
11	Paul Rieser.....	Chicago.....	Saw, etc.....	85.20	.....	20.00
11	Edwin S. Huff.....	do.....	Salary for May.....	72.50	.....	3.80
11	Jas. Baird.....	Philadelphia.....	do.....	72.50	.....	.....
11	Wm. Krause.....	do.....	do.....	72.50	.....	.....
11	Louis Rosenberg.....	do.....	do.....	72.50	.....	.....
11	W. H. Hendrickson.....	do.....	do.....	72.50	.....	.....
12	W. H. Way.....	London.....	Salary and expenses, May.....	310.00	132.44	2.08
12	A. D. Melvin.....	Liverpool.....	do.....	170.40	97.18	.....
12	J. F. Ryder.....	Glasgow.....	do.....	153.40	66.98	.....
12	David Parker.....	Buffalo.....	do.....	119.20	30.00	.....
12	E. E. Hoover.....	do.....	Salary for May.....	102.20	.....	.....
12	O. P. Vandenberg.....	do.....	Salary and expenses, May.....	85.20	2.22	.....
12	James Welch.....	do.....	do.....	85.20	1.62	.....
12	John N. Lester.....	do.....	do.....	72.50	1.12	.....
12	Guy A. Adams.....	do.....	do.....	70.00	.92	.....
12	T. W. Parthing.....	do.....	do.....	65.00	.82	.....
12	T. L. Armstrong.....	Indianapolis.....	Salary for May.....	153.40	.....	.....
12	Thos. H. Ashue.....	New York.....	Salary and expenses, May.....	119.20	18.16	.....
12	W. H. Rose.....	Kansas City.....	do.....	200.00	52.21	.....

12	Chas. F. Nesbit	Baltimore.	do	85.20	30.74	.13
12	W. F. Braden	Pittsburg	Salary for May	85.20		
12	R. W. Ardley	do	do	119.20		
12	J. M. Wardlaw	do	do	136.20		45.83
12	James Stikeman	New York	Office rent	102.20		
12	D. R. Alton	Indianapolis	Salary for May	102.20		
12	W. S. Wade	Kansas City	do		16.65	
16	Missouri, Kansas and Texas Rwy		Transportation	85.20	15.44	
17	Thos. Coyle	Boston	Salary and expenses, May	153.40	54.90	
17	Albert Dean	Kansas City	do			
17	Alex. Yearley & Son	Baltimore.	Office rent	10.00		
17	The Baltimore Publishing Co.	do	Stationery	4.45		
17	Emily Lucas	do	Jamitress	3.50		
17	C. J. Stewart & Sons	do	Hog rings	3.00		
17	Sharp & Smith	Chicago.	Needles	7.00		
17	do	do	Rental, etc.	13.12		
17	do	do	do	10.42		
17	R. W. Hickman	do	Expenses, May	18.71		
17	A. H. Rose	Boston.	do	3.35		
17	New England Telephone and Tele-	do	Rental	10.00		
17	graph Co.	do				
17	Bogardus, Ellaby & Ellsworth	do	Hog rings	13.50		
17	C. A. Richards	do	Office rent	50.00		
17	City of Chicago.	Chicago.	do	70.00		
18	S. W. Campbell	do	Salary and expenses, May	136.20	8.23	
18	Asa B. Fargo	East St. Louis	do	119.20	26.85	
18	C. B. Michener	Baltimore.	Building chutes			63.51
19	Edward Story	New York	Expenses, May			3.50
20	Texas and Pacific Rwy. Co.	do	Salary and expenses, May	119.20	42.15	
29	Robert Keith Furniture and Carpet Co.	do	Transportation		46.30	
29		Kansas City	Furniture			110.35
			Total for month.	8,467.53	1,332.48	480.80
3	H. Baumgarten	do	100,000 tags			1,600.00
3	Chas. E. Collins	Kansas City	Salary and expenses, May	102.20	19.05	
3	The Metropolitan Telephone and Tele-	New York	Rental, etc.			23.85
	graph Co.					
7	Perry Hodgden	New York	Salary and expenses, May	102.20	30.37	
7	L. J. Small	do	Water cooler			4.00
8	Geo. C. Paville	Baltimore.	Salary and expenses, June	270.00	77.95	
8	do	do	Expenses, May			1.00
8	Fred'k Gross	do	Salary and expenses, June	75.00	10.64	
8	J. A. Cunningham	do	do	75.00	8.50	
8	Robt. Fisher	do	do	75.00	12.06	
8	Hiram Jerome	New York	do	75.00	18.60	
8	Geo. Cornish	do	do	82.40	16.58	
8	Wm. Foley	do	do	82.40	13.68	
8	Jas. Russell	do	do	82.40	13.38	
8	Jos. Jarvis	do	do	72.50	18.11	
8	Jas. Flannery	do	do	72.50	15.81	
8		do	do	72.50	14.91	



## Expended from the appropriation for 1890-'91—Continued.

## STOCK YARDS AND EXPORT CATTLE INSPECTION—Continued.

Date.	Name.	Remarks.	For what paid.	Salaries.	Traveling expenses.	Miscellaneous.
1891						
July 8	Jos. P. McEnaney.	New York	Salary for June.	\$82.40		
8	Chas. W. Petty	do	Salary and expenses, June.	65.00	\$7.39	
8	Robert W. Ardary	Pittsburg	Salary for June	115.40		
8	D. R. Alton	Indianapolis	do	98.90		
8	W. F. Braden	Pittsburg	do	82.40		
8	A. W. Clement.	Baltimore	Salary and expenses, June.	164.80	93.35	
9	Chas. F. Nesbit	Newport News	do	82.40	6.50	
9	A. H. Rose.	Boston.	Expenses, June.		57.30	
9	Luther Holton	do	Salary and expenses, June.	65.00		
9	John Shannon	do	do	65.00	5.82	
9	L. L. Bullard.	do	do	65.00	7.06	
9	J. W. Hichings	do	do	82.40	6.80	
9	E. R. Hendley	do	do	82.40	12.26	
9	Thos. Coyle	do	do	82.40	24.29	
9	Wm. H. Way	do	do	115.40	6.08	
9	L. L. Ball.	Baltimore	Salary for June.	82.40		
9	Chesapeake and Potomac Telephone Co.	do	Rental			\$25.00
9	Alex. Yearly & Son.	do	Office rent			10.00
9	Emily Lucas	do	Janitress			3.50
9	Western Union Telegraph Co.	do	Cablegrams.			6.68
10	E. S. Huff	Philadelphia.	Salary for June	82.40		
10	Jas. Baird	do	do	65.00		
10	Wm. Kransen.	do	do	65.00		
10	Louis Rosenberg	do	do	65.00		
10	Wm. H. Hendrickson	do	do	65.00		
11	W. H. Way	Great Britain	Salary and expenses, June.	300.00	146.50	4.64
11	A. D. Melvin	do	do	104.80	88.45	
11	J. F. Ryder	do	do	148.30	64.58	
11	T. W. Farthing	Buffalo	do	65.00	2.12	
11	Guy A. Adams	do	do	72.50	3.72	
11	O. P. Vandenberg	do	do	82.40	2.32	
11	Howard Rhoads	Kansas City	do	131.90	2.85	
11	Thos. W. Ostel	do	do	98.90	42.00	
11	Albert Dean	do	do	148.30	41.00	
11	Henry Brister	New York	do	115.40	17.81	
11	Thos. H. Ashe	do	do	115.40	20.74	3.15
11	W. H. Rose	do	do	203.00	38.52	
11	Wm. B. E. Miller	Philadelphia.	do	131.90	45.25	
11	Geo. Gantor	do	do	82.40	1.67	3.68
11	Wm. H. Bogart	Chicago	do	82.40	6.05	
11	Jas. Boyd	Baltimore	do	73.00	13.88	

11	Jno. W. Martin	Pittsburg	Salary, June	4.00		
11	Edward Martin	do	do	4.00		
11	A. Feaver	do	do	4.00		
11	S. C. Langdon	do	do	2.00		
16	Wm. D. Jordan	Quincy	Salary and expenses, June	98.90	58.75	
16	T. L. Armstrong	Indianapolis	do	148.30	5.50	
16	Matthew Kaas	Chicago	Salary for June	65.00		
16	J. C. Whitney	do	do	65.00		
16	M. J. Quirk	do	do	65.00		
16	Wm. Harpst	do	do	65.00		
16	Frank Hegg	do	do	65.00		
16	John Fitzsimmons	do	do	65.00		
16	Harry Wheelock	do	do	65.00		
16	Robt. Wills	do	do	65.00		
16	Dighton Granger	do	do	65.00		
16	Alex. Taylor	do	do	65.00		
16	Wm. E. Willis	do	do	65.00		
16	E. Zimmerman	do	do	65.00		
16	R. C. Boughton	do	do	65.00		
16	Geo. W. Laing	do	do	65.00		
16	Barnard Carroll	do	do	57.50		
16	C. J. Regan	do	do	5.00		
16	C. A. Wales	do	Salary for June (20th to 30th)	17.80		
16	Sam'l H. Pierce	do	Salary and expenses, June	131.90	30.00	
17	H. F. Saltold	do	Salary for June	82.40		
17	W. S. Wade	Kansas City	do	98.90		
17	D. M. Ward	do	do	115.40		
17	A. M. Hunter	do	do	115.40		
17	Joseph Bruser	do	do	115.40		
17	David Parker	Buffalo	Salary and expenses, June	115.40		
17	E. E. Hoover	do	Salary for June	98.90	30.00	
17	B. A. Pierce	Chicago	do	131.90		
20	John N. Lester	Buffalo	Salary and expenses, June	75.00	.92	
21	J. M. Wardlaw	Omaha	do	131.90	4.20	
21	J. C. Lambdin	Caldwell	do	98.90	9.30	
21	Perry Hodgden	do	do	98.90	60.27	
23	Jas. Irwin	Herington	do	115.40	22.40	
24	Jas. Welch	East St. Louis	do	82.40	2.22	
25	Lizzie Morrow	Buffalo	Janitress		20.00	
25	Geo. C. Faville	Chicago	Expenses for June		3.75	
25	Paul Rieser	Baltimore	Hardware		5.30	
25	Chicago Telephone Co.	Chicago	Rental		10.42	
25	S. H. Tourtelotte	do	Salary for June 22 to 30	24.73		
25	E. B. Luce	do	Salary for June 20 to 30	27.20		
25	A. H. Rose	Boston	Expenses for June		2.00	
25	New England Telephone and Telegraph Co.	do	Rental for June		10.00	
25	C. A. Richards	do	Office rent for June		50.00	
25	James Sukeman	New York	do		45.83	
25	W. H. Rose	do	Expenses for June		6.00	
25	Chas. H. Smith	do	Lettering		4.50	
25	Henry Weissman	do	Valise		4.00	

*Expended from the appropriation for 1890-'91—Continued.*

STOCK YARDS AND EXPORT CATTLE INSPECTION—Continued.

Date.	Name.	Remarks.	For what paid.	Salaries.	Traveling expenses.	Miscellaneous.
1891.						
July 25	John Flynn.....	New York	Posts and nails.....	\$160.00	\$45.00	\$4.00
25	R. W. Hickman.....	Chicago.	Salary and expenses, June 1 to 2 and 10 to 30.			176.10
25	A. H. Andrews & Co.....	do	Furniture.....			30.00
25	Bell Telephone Co., of Philadelphia.	Chicago.	Rental.....			70.00
25	City of Chicago.....	do	Office rent.....	65.00		
28	C. C. Bone.....	do	Salary for June.....	65.00		
28	John Gerdes.....	do	do	65.00		
28	D. H. McArthur.....	do	do	65.00		
28	John Harper.....	do	do	65.00		
28	Robt. J. Touhy.....	do	do	65.00		
28	John C. Lorenzen.....	do	do	60.00		
28	Norman K. Adams.....	do	do	57.50		
28	Wm. D. Seeber.....	do	do	2.50		
28	William Peace.....	do	do	55.00		
28	John Richards.....	do	do	57.50		
28	Lew Zablun.....	do	do	45.00		
28	Edward Diehl.....	do	Salary and expenses, June	131.90	9.85	
28	S. W. Campbell.....	do	Salary for June 10 to 30.	57.69		
30	E. C. Matheny.....	East St. Louis	Rental, etc.....			23.05
30	Metropolitan Telephone and Telegraph Co.	New York				
31	William D. Jordan.....	Quannah	Salary and expenses, May.	102.20	118.43	
31	Doane & Sons.....	Chicago.	Office fittings.....			90.77
			Total for month.....	8,963.72	1,440.51	2,241.22
Aug. 12	J. S. Youngs.....	Buffalo	Lime.....			5.90
12	F. G. Parish.....	do	Phenyle.....			6.00
12	H. Leigh.....	do	Building chutes.....			90.50
19	The Office Toilet Supply Co.....	Chicago.	Supplies.....			1.10
19	Edward Story.....	Hannibal	Salary and expenses, June	115.40	17.40	
22	Southern Pacific Co.....	Chicago.	Transportation.....		34.55	
			Total for month.....	115.40	51.95	103.50
Sept. 9	Herman Baumgarten.....		100,000 tags.....			1,600.00
18	Chas. E. Collins.....		Salary and expenses, June	98.90	101.96	
21	T. L. Armstrong.....	New Orleans.	Tagging, March.....			5.00
25	Perry Hodgden.....		Expenses, May 12.....		1.50	
			Total for month.....	98.90	103.46	1,605.00



Oct. 3	Wm. D. Jordan	Quannah	Expenses, May	10.20	1,600.00
16	H. Baumgarten		100,000 tags, June		1,600.00
			Total for month	10.20	
			Grand total	10,042.45	10,205.79

IMPORT INSPECTION.

1891.					
Jan. 17	F. H. Miller	Burlington	Salary for December	\$117.90	
17	John E. Miller	Brownsville	Salary and expenses, December	101.10	\$4.05
17	D. B. Sayre	El Paso	do	117.90	65.20
17	do	do	Salary, Nov., 22 to 30	34.24	
17	Joseph Hawkins	Detroit	Salary and expenses, December	117.90	7.50
22	John T. Claris	Buffalo	do	151.60	6.72
28	John A. Bell	Watertown	do	117.90	23.14
			Total for month	758.54	106.61
Feb. 12	John E. Miller	Brownsville	Salary for January	103.30	
16	D. B. Sayre	El Paso	Salary and expenses, January	120.60	25.75
16	F. H. Miller	Burlington	Salary for January	120.60	
16	F. L. Russell	Vanceboro	Salary and expenses, Jan., 8 to 31	80.00	7.85
20	John T. Claris	Buffalo	Salary and expenses for January	155.00	52.02
20	Joseph Hawkins	Detroit	do	120.60	10.50
20	John A. Bell	Watertown	do	120.60	11.06
			Total for month	820.70	107.18
Mar. 4	F. L. Russell	Vanceboro	Salary for February	93.40	
11	F. H. Miller	Burlington	do	108.80	
13	D. B. Sayre	El Paso	Salary and expenses, February	108.80	3.00
16	John E. Miller	Brownsville	do	93.40	3.85
18	John A. Bell	Watertown	do	108.80	10.90
23	Joseph Hawkins	Detroit	do	108.80	24.60
31	John T. Claris	Buffalo	do	140.00	51.22
			Total for month	762.00	93.57
Apr. 7	John A. Bell	Watertown	Salary and expenses, March	120.60	
7	Frank H. Miller	Burlington	Salary for March	120.60	11.08
11	F. L. Russell	Vanceboro	do	103.30	
11	John E. Miller	Brownsville	do	103.30	
14	W. H. Cooper	Island Pond	Salary and expenses, Mar. 9 to 31	89.49	59.03
14	Jos. Hawkins	Detroit	Salary and expenses, March	120.60	26.77
16	John T. Claris	Buffalo	do	155.00	48.62
23	D. B. Sayre	El Paso	Salary for March	120.60	
			Total for month	933.49	145.50
					11.70

*Expended from the appropriation for 1890-'91—Continued.*

IMPORT INSPECTION—Continued.

Date.	Name.	Remarks.	For what paid.	Salaries.	Traveling expenses.	Miscellaneous.
1891. May						
4	F. L. Russell	Vanceboro.	Salary for April	\$98.90		
8	F. H. Miller	Burlington	do	115.40		
11	J. T. Claris	Buffalo	Salary and expenses, April	148.30	\$47.92	\$11.30
13	John A. Bell	Watertown	do	115.40	16.44	
14	D. Cumming	Port Huron	Salary for April	45.00		
16	D. B. Sayre	El Paso	Salary, Apr. 1 to 17	65.38		
16	W. H. Cooper	Island Pond	Salary and expenses, April	115.40	66.95	
16	J. E. Miller	Brownsville	Salary, Apr. 1 to 20	65.93		
20	G. W. Ward	Island Pond	Salary and expenses, Apr. 20 to 30	36.26	11.43	
21	Jos. Hawkins	Detroit	Salary for April	115.40		
			Total for month	921.37	142.74	11.30
June						
8	Frank H. Miller	Burlington	Salary for May	119.20		
8	Joseph Hawkins	Detroit	do	119.20		
12	John T. Claris	Buffalo	Salary and expenses, May	153.40	47.74	11.30
12	G. W. Ward	Island Pond	do	102.20	12.16	
12	John A. Bell	Watertown	do	119.20	14.34	
17	D. Cumming	Port Huron	Salary for May	35.00		
24	F. L. Russell	Vanceboro.	Salary and expenses, May	102.20	7.85	
			Total for month	750.40	82.09	11.30
July						
16	Joseph Hawkins	Detroit	Salary for June	115.40		
16	John A. Bell	Watertown	Salary and expenses, June	115.40	12.62	
18	F. L. Russell	Vanceboro	Salary for June	98.90		
21	Frank H. Miller	Burlington	do	115.40		
22	G. W. Ward	Island Pond	Salary and expenses, June	98.90	7.75	
25	D. Cumming	Port Huron	Salary for June	90.00		
31	J. T. Claris	Buffalo	Salary and expenses, June	148.30	47.43	14.82
			Total for month	782.30	67.80	14.82
	<i>Transportation orders.</i>					
	D. B. Sayre	St. Louis to El Paso.			38.10	
	John E. Miller	Galveston to Brazos			22.50	
	D. B. Sayre	El Paso to Doming			3.90	
	do	Doming to El Paso			3.90	
					68.40	
			Grand total	5,728.80	813.89	131.05

MEAT INSPECTION.

1891. Apr. 7	Daniel Gano.....	Chicago.....	Salary for March.....	\$156.00		
7	Jas. E. Drom.....	do.....	do.....	103.30		\$25.00
7	Daniel Gano & Son.....	do.....	Office rent.....			350.00
14	Thos. Goulard.....	New York.....	Salary for March.....	172.20		\$24.96
14	Buffalo Seal and Press Co.....		500,000 car seals.....			1,067.50
17	Edward Bausch.....		Expenses, March.....			82.50
30	Bausch & Lomb Optical Co.....		50 microscopes.....			
30	Sidney Shepard & Co.....		15,000 tin boxes.....			
			Total for month.....	431.50	24.96	2,125.00
May 6	W. S. Devoe.....	New York.....	Salary, April 15 to 30.....	79.12		
13	Jas. E. Drom.....	Chicago.....	Salary for April.....	98.90		25.00
13	Daniel Gano & Son.....	do.....	Office rent.....			28.07
14	Geo. W. Knox.....		Freight charges.....			
16	Jas. H. Ferster.....	New York.....	Salary, Apr. 15 to 30.....	61.54		
16	Daniel Gano.....	Chicago.....	Salary, Apr. 1 to 4; expenses, March.....	24.00		2.50
18	V. T. Atkinson.....	do.....	Salary and expenses, April.....	164.80	53.25	
21	James Fielding.....	do.....	Salary, Apr. 16 to 30.....	37.09		
26	M. B. Cowperthwait.....	New York.....	Furniture.....			16.15
26	T. G. Sallow.....	do.....	do.....			16.00
29	D. E. Salmon.....	Chicago.....	Expenses, May 1 to 8.....		80.75	1.20
29	Easton & Rupp.....		Tags.....			
			Total for month.....	465.45	134.00	88.92
June 3	R. Sears.....		Salary, April 15 to 30.....	70.33		37.95
3	Wiebusch & Hilger, limited.....	New York.....	Sensors.....			
3	Thos. Goulard.....	do.....	Salary, Apr. 1 to 4.....	21.98		
4	W. S. Devoe.....	do.....	Salary, May.....	153.40		
8	Geo. W. Knox.....	Chicago.....	Freight, etc.....			25.31
11	V. T. Atkinson.....	do.....	Salary for May.....	170.40		
11	Jas. E. Drom.....	do.....	do.....	102.20		
11	John B. Shine.....	do.....	do.....	102.20		
11	Jas. Fielding.....	do.....	do.....	76.60		
12	John B. Shine.....	do.....	Salary, Apr. 20 to 30.....	36.26		
12	J. H. Ferster.....	New York.....	Salary for May.....	119.20		
12	R. Sears.....	South Omaha.....	do.....	136.20		
16	Michael Nau.....	New York.....	Salary and expenses, May 20 to 31.....	32.97	15.08	
16	Fred'k Metzger.....	do.....	Salary and expenses, May 8 to 31.....	65.43	16.78	
17	Chas. E. Gragg.....	Kansas City.....	Salary for May.....	136.20		
17	Wm. W. Hughes.....	New York.....	Salary and expenses, May 23 to 31.....	24.73	8.60	
17	F. H. Pendleton.....	do.....	Salary and expenses, May 18 to 31.....	38.46	18.45	
17	B. B. Mullen.....	do.....	Salary and expenses, May 11 to 31.....	57.69	16.06	
17	John Bingham.....	do.....	Stationery.....			39.20
17	Albert L. Dowe.....	do.....	Office rent.....			12.00
17	Geo. B. Rose.....	do.....	Salary, May 25 to 31.....	19.23		



*Expended from the appropriation for 1880-'91—Continued.*

MEAT INSPECTION—Continued.

Date.	Name.	Remarks.	For what paid.	Salaries.	Traveling expenses.	Miscellaneous.
1891.						
June 17	Ann O'Connell.....	New York	Janitress			\$5.00
17	John S. Considine.....	do	Salary for May	\$14.00		
17	W. Hughes.....	do	do	2.00		
17	Linko Seery.....	do	do	2.00		
17	R. J. Pizey.....	do	do	18.00		
17	John Reuch.....	do	do	10.00		
17	Joseph Johnson, Jr.....	do	do	10.00		
17	do.....	do	do	12.00		
18	W. A. Willard.....	do	Salary, May 19 to 24	13.85		
18	Bausch & Lomb Optical Co.	do	Salary, May 25 to 31	119.20		
18	The Buffalo Seal and Press Co.	do	Salary for May			
20	T. C. Eastman.....	New York	50 microscopes			1,067.50
20	W. S. Devoe.....	do	1,000,000 car seals			1,900.00
24	Bogardus, Ellaby & Ellsworth.....	do	Combination step-ladders			19.00
24		do	Expenses, May			10.40
		do	Hardware			2.20
			Total for month.....	\$4,748.56	\$74.97	3,118.56
July 3	D. K. Miller Lock Co.....		250 cash-boxes			788.53
3	A. Hoen & Co.....		100 inspection stamp-books			403.75
3	W. A. Willard.....	New York	Salary and expenses, June	115.40	2.42	
3	A. Hoen & Co.....		30 certificate books			361.30
3	John W. Scott.....	Kansas City	Salary for May	136.20		
3	Ed. R. Allen.....	do	do	136.20		
3	M. S. Michener.....	do	do	85.20		
3	John Michels.....	Chicago	Salary and expenses for May 25 to 31	34.62	10.00	
3	Wood & Menough.....	Jersey City	Hardware			8.65
3	Public Printer.....		Inspection blanks			21.93
7	John Mullins & Co.....	Jersey City	Furniture, etc			26.85
8	W. S. Devoe.....	New York	Salary for June	148.30		
8	R. J. Pizey.....	do	do	20.00		
8	Wm. Devane.....	do	do	4.00		
8	John S. Considine.....	do	do	16.00		
8	Jos. Johnson, Jr.....	do	do	59.30		
8	F. H. Pendleton.....	do	Salary and expenses for June	82.40	7.22	
8	Wm. W. Hughes.....	do	do	82.40	4.80	
8	B. B. Milton.....	do	do	82.40	2.64	
8	Michael Nau.....	do	do	82.40	2.10	
8	Fredk. Metzger.....	do	do	82.40	1.92	
11	Geo. W. Knox.....	do	Freight			4.71
14	Hans von Strombeck.....	Chicago	Expenses, June 15 to 17		.66	.15
14	Ann O'Connell.....	New York	Janitress			5.00

				Salary and expenses, June.		148.30	25.00
16	John Michels.....	Chicago		Salary for June.		45.49	
16	Chas. E. Husted.....	Kansas City		do		45.49	
16	Geo. W. Schusterle.....	do		do		45.49	
16	J. A. Dyson.....	do		do		45.49	
16	W. B. Garlick.....	do		do		45.49	
16	R. A. Braham.....	do		do		98.90	
17	John B. Sine.....	Chicago		do		148.30	
17	Jas. E. Drom.....	do		do		164.80	
17	F. H. Bernard.....	do		do		148.30	
17	V. T. Atkinson.....	do		do		131.90	
17	E. Balzer.....	South Omaha		do		115.40	
17	R. Sears.....	New York		Salary for March 23 to 31		35.00	
17	J. H. Ferster.....	South Omaha		Salary for April		115.40	
18	S. W. McGrew.....	do		Salary for June.		131.90	
18	P. D. Hughes.....	Kansas City		do		131.90	
18	Ernest S. Dundas.....	do		do		82.40	
18	Robt. J. McFarland.....	do		Salary for May		85.20	
18	John B. Beishlag.....	South Omaha		Salary for April 22 to 30		24.73	
18	do	do		Salary for June.		148.30	
18	S. Stewart.....	do		do		115.40	
18	S. W. McGrew.....	do		Salary for June 29 to 30		4.95	
18	Phelps Paine.....	do		Salary for June.		82.40	
18	John B. Beishlag.....	do		Salary for June 29 to 30		3.96	
18	Louis F. Miller.....	do		Salary for June.		2.00	
18	James Austin.....	do		do		2.00	
18	N. D. Mann.....	do		do		2.00	
18	J. W. Argabright, jr.....	do		do		41.54	
18	Andrew C. Wells.....	Kansas City		do		41.54	
18	Ira Haworth.....	do		do		31.65	
18	D. R. Green.....	do		do		4.00	
18	Ralph Young.....	do		do		12.00	
18	R. G. Hendley.....	Chicago		do		14.84	
20	Geo. B. Crandall.....	do		do		14.84	
20	A. G. Bennett.....	do		do		14.84	
20	Nate E. Merrill.....	do		do		14.84	
20	Harold Boedtker.....	do		do		14.84	
20	James M. Eakins.....	do		do		14.84	
20	Geo. A. Huff, jr.....	do		do		14.84	
20	Gaylord H. Brown.....	do		do		14.84	
20	Elwood V. Davis.....	do		do		14.84	
20	Reinhard Kochanowski.....	do		do		14.84	
20	Reuben Bakenhus.....	do		do		14.84	
20	Samuel C. Hickman.....	do		do		14.84	
20	Guy Milmore.....	do		do		14.84	
20	Theodor B. Zuendel.....	do		do		9.89	
20	C. H. Eddy.....	do		do		14.84	
20	Malvina A. Bixby.....	do		do		13.19	
20	Nannie A. Andrews.....	do		do		13.19	
20	Blanche A. Forshoe.....	do		do		14.84	
20	Isabella Pierce.....	do		do		14.84	
20	Laura D. Burke.....	do		do		14.84	

*Expended from the appropriation for 1890-'91—Continued.*

MEAT INSPECTION—Continued.

Date.	Name.	Remarks.	For what paid.	Salaries.	Traveling expenses.	Miscellaneous.
1891.						
July 20	Libbie Bacon	Chicago	Salary for June	\$14.84		
20	Alice Hadley	do	do	14.84		
20	Adelia Minnie Stewart	do	do	14.84		
20	Mary Henderson	do	do	11.51		
20	Libbie A. Connor	do	do	14.84		
20	Ragna Kristensen	do	do	14.84		
20	Lillie Flood	do	do	14.84		
20	Mollie Scanlan	do	do	14.84		
20	Gussie Walsh	do	do	14.84		
20	Tessie C. Hayey	do	do	14.84		
20	Bertha P. Quinn	do	do	9.89		
20	W. S. Rafé	do	do	13.85		
20	Christ. A. Herrmann	do	do	11.87		
20	John Flaherty	do	do	19.78		
20	Archibald Campbell	do	do	17.80		
20	Thos. G. Clark	do	do	21.76		
20	Richard J. Healy	do	do	11.87		
20	Chas. H. Smith	do	do	19.78		
20	John Parker	do	do	19.78		
20	Peter Tracy	do	do	19.78		
20	Chas. C. Rummel	do	do	17.80		
20	C. H. Calling	do	do	17.80		
20	Wm. C. Kleinman	do	do	17.80		
20	W. W. Bingham	do	do	17.80		
20	C. M. Campbell	do	do	17.80		
20	H. E. Woodford	do	do	17.80		
20	F. F. Noxon	do	do	17.80		
20	W. McCullough	do	do	17.80		
20	Clarence S. Thompson	do	do	51.43		
20	S. L. Coleman	do	do	17.80		
20	John E. Miller	do	Salary for June, expenses May	98.90	\$52.00	
20	D. B. Sayre	do	Salary for June	113.40		
20	S. Stewart	South Omaha	Salary for May	153.40		
20	do	do	Salary for April 18 to 30	64.29		
20	do	do	Salary for May	119.20		
20	S. W. McCreew	do	Salary for June 24 to 30	19.23		
22	Wm. Hill	Chicago	Salary for June 15 to 30	43.96		
22	John Hatch	do	1,000,000 tags			
22	A. Hoen & Co	do	Salary for May 25 to 31	34.62		
23	E. Balzer	Chicago	do	34.62		
23	F. H. Bernard	do	do			\$1,020.75



25	Geo. B. Rose	Jersey City	Salary for June	82.40		
25	Mo. Conklin	do	Salary for June 15 to 30	43.94		
23	Jas. Fielding	Chicago	Salary for June	74.20		
23	Thos. Somerville & Sons		Sealing press			5.03
25	Sharp & Smith	Chicago	Forceps, etc			30.35
25	D. R. Hobart	Jersey City	Salary for June 15 to 30	43.94		
25	Geo. C. Toffey	do	do	43.94		
25	J. H. Phelan	do	do	43.94		
25	D. F. Shica	do	do	61.54		
25	W. H. Cooper	do	do	43.94		
25	Jos. Locke	Chicago	Expenses June 14 to 25		97.03	
25	D. E. Salmon	do	Salary and expenses, June 19 to 30	52.75	4.67	
25	Lewis R. Baker	do	Salary and expenses, June 17 to 30	61.54	12.35	
25	T. W. Watson	do	Furniture			74.50
25	Dewey & Stone Furniture Co.	South Omaha	Hardware			13.35
25	Bogardus, Ellaby & Ellsworth	New York	Office rent			12.00
25	J. Judson Kilpatrick	do	Stationery			41.55
25	John Bingham	do	do			14.55
25	do	Jersey City	Expenses, June			3.15
25	V. T. Atkinson	Chicago	Stationery			10.95
28	Lawton & Burnap	Kansas City	Freight			8.94
28	Ernest S. Dundas	do	Stencils			6.50
28	Edward Allen	do	Belts for boxes			12.00
28	Shipley Bros	do	Awnings			13.00
28	H. V. Graf & Co	do	Hardware			19.05
28	Richards & Conover Hardware Co.	do	Daters, etc.			20.10
28	Liepsner & Mathews	do	Varnish, etc			40.00
28	R. Sinter	do	Furniture			78.00
28	Keville & Waples	do	Salary and expenses, June			.80
28	O. L. Boor	Hammond, Ind	Salary for June 18 to 30	131.90		
28	Ortin W. Snyder	do	Salary for June 25 to 30	50.00		
28	John Forbes	South Omaha	Salary for June	26.37		
28	A. A. Winslow	Hammond	do	82.40		
28	John R. Mitchell	do	do	131.90		
30	Julius Huelsen	Jersey City	Expenses, June	115.40		
30	V. T. Atkinson	Chicago	Salary for June		10.00	
28	O. A. Krimbill	Hammond	do	17.80		
28	Jas. L. Gerrish	do	do	17.80		
28	S. A. Livingstone	do	do	17.80		
28	W. Bartel	do	do	17.80		
28	W. D. Clark	do	do	17.80		
28	Henry Wagner	do	do	17.80		
28	J. S. Blackburn	do	do	17.80		
28	T. H. Jordan	do	Expenses, June			7.05
30	R. W. Hickman	Chicago	Salary and expenses, June	131.90	39.60	20.17
30	Ed. R. Allen	Kansas City	Salary for June 22 to 23	5.00		
31	William Hill	Chicago	Meat hooks, etc			16.75
31	C. H. Hanson	do	Salary for June	131.90		
31	John W. Scott	Kansas City	do	131.90		
31	Charles E. Gragg	do	do	82.40		
31	M. S. Michener	do	do			

*Expended from the appropriation for 1890-'91—Continued.*

MEAT INSPECTION—Continued.

Date.	Name.	Remarks.	For what paid.	Salaries.	Traveling expenses.	Miscellaneous.
1891. July 31	I. Wolf..... Julius Huelson.....	Kansas City..... Jersey City.....	Linoleum..... Expenses, June..... Total for month.....	\$6,789.48	\$337.75	\$46.69 8.92 3,146.93
Aug. 3	Julius Huelson.....	Jersey City.....	Expenses, June.....		3.08	
5	F. H. Bernard.....	Chicago.....	do.....		20.50	
5	Benjamin Fowler.....	Kansas City.....	Salary for June 10 to 30.....	41.54		
10	Bausch & Lomb Optical Co.....	do.....	50 microscopes, 150 compressors.....			1,202.50
12	John Forbes.....	South Omaha.....	Freight.....			8.31
12	D. W. Bushnell.....	do.....	Stationery.....			11.00
14	James A. Murphy.....	Chicago.....	Salary for June 22 to 30.....	17.80		
17	E. Balzer.....	do.....	Expenses, June.....		27.00	
19	R. W. Hickman.....	do.....	Freight.....			.60
21	C. H. Hanson.....	do.....	Stencils.....			3.00
21	Bausch & Lomb Optical Co.....	do.....	50 microscopes, 150 compressors.....			1,202.50
22	United States Express Co.....	do.....	Charges.....			42.30
22	Rand, McNally & Co.....	Chicago.....	1,000,000 coupon checks.....			350.00
28			Total for month.....	59.34	50.58	2,820.21
Sept. 10	A. Hoon & Co.....		2,000,000 inspection tags.....			1,800.00
21	Ed. R. Allen.....	Kansas City.....	Stationery.....			1.00
25	D. Ballauf.....	do.....	Sealing press.....			27.00
30	S. Stewart.....	South Omaha.....	Freight.....			7.11
			Total for month.....			1,835.11
Oct. 14	Bausch & Lomb Optical Co.....		50 microscopes.....			1,067.50
			Grand total.....	9,300.80	622.26	14,202.23
WASHINGTON AND MISCELLANEOUS.						
1890. July 16	John C. Parker.....		Stationery.....			\$89.28
19	V. G. Fischer.....		Subscriptions.....			30.85
21	Edw. Story.....		Salary for July 1 to 14.....	\$31.96		
30	Wm. H. Teepe.....		Stationery.....			6.00

31	D. E. Salmon	Salary for July	252.70	
31	E. B. Jones	do	126.40	
31	W. J. Cowing	do	168.50	
31	A. M. Farrington	do	189.50	
31	Robt. S. Forbes	do	151.00	
31	Miles Fuller	do	151.00	
31	L. W. Stone	Salary for July 1 to 13	56.52	
31	Tahma Drew	do	49.46	
31	W. P. Spurgeon	Salary for July	101.10	
31	Mary Sullivan	do	117.00	
31	M. T. Dent	do	84.20	
31	M. G. Marshall	do	84.20	
31	Wm. B. Cravath	do	101.10	
31	Wilson Carey	do	60.60	
		Total for month	1,727.34	126.13
Aug. 8	Geo. A. Martin	Salary for July 14 to 31	88.04	
16	United States Express Co.	Charges	4.25	
28	Randolph Huntington	"Grant's Arabs"	5.25	
		Total for month	88.04	9.50
1891				
Jan. 23	B. J. Laws	Frames		15.50
26	Adams Express Company	Charges		2.95
26	do	do		8.20
26	do	do		8.30
28	Capitol, North O street and South Washington Rwy. Co.	Car tickets		12.50
28	Wyckoff, Seamans & Bonedict	Repairs		50
31	D. E. Salmon	Salary for January	258.30	
31	E. B. Jones	do	129.20	
31	W. J. Cowing	do	172.20	
31	A. M. Farrington	do	193.70	
31	Robert S. Forbes	do	155.00	
31	Miles Fuller	do	155.00	
31	George A. Martin	do	155.00	
31	D. G. Hatch	do	129.20	
31	Mary Sullivan	do	120.60	
31	W. P. Spurgeon	do	103.30	
31	Wm. B. Cravath	do	86.10	
31	Jas. C. Hooe	do	89.10	
31	M. T. Dent	do	62.00	
31	M. G. Marshall	do	41.30	
31	Wilson Carey	do	56.80	
31	Melville Reed	do		
31	D. L. McDewitt	do		
		Total for month	2,127.70	47.95



*Expended from the appropriation for 1890-'91—Continued.*

WASHINGTON AND MISCELLANEOUS—Continued.

Date.	Name.	Remarks.	For what paid.	Salaries.	Traveling expenses.	Miscellaneous.
1891. Mar. 4	John C. Parker		Stationery			\$52.40
5	F. E. Parsons		Salary and expenses, January	\$120.60	\$74.90	
5	D. E. Salmon		Expenses, January		48.75	2.50
10	Pennsylvania R. R. Co.		Transportation		9.60	
13	L. H. Hopkins		Hardware			1.00
13	Pullman Palace Car Co		Berth		5.00	
16	W. Dickson		Expenses, Dec. 27 to Jan. 6		103.79	
18	West Shore R. R.		Transportation		9.60	25
20	J. D. Carville		Subscription			1.50
20	United States Express Co	Texas Live Stock Journal	Charges			3.20
28	W. B. Moses & Sons		Mirror			12.00
28	D. E. Salmon		Salary for February	233.40		
28	E. B. Jones		do	116.60		
28	W. J. Cowing		do	153.60		
28	A. M. Farrington		do	175.10		
28	Robt. S. Forbes		do	140.00		
28	Miles Fuller		do	140.00		
28	Geo. A. Martin		do	140.00		
28	D. G. Hatch		do	116.00		
28	Mary Sullivan		do	108.80		
28	W. P. Spurgeon		do	108.80		
28	Wm. B. Cravath		do	93.40		
28	J. C. Hoce		do	93.40		
28	M. T. Dent		do	77.80		
28	M. G. Marshall		do	77.80		
28	Wilson Carey		do	56.00		
28	Melville Reed		do	37.40		
28	D. L. McDevitt		do	51.40		
			Total for month	2,042.70	251.64	72.85
Mar. 4	Library Bureau		Card case			25.00
10	F. E. Parsons		Salary and expenses, February, 23 days	102.18	22.98	
11	John C. Parker		Stationery			32.40
16	Pennsylvania R. R. Co.		Transportation		20.90	
16	Boston and Maine R. R.		do		16.05	
16	Adams Express Co		Charges			11.95
16	Maurice Joyce		Plates			24.00
18	Charles Burgess		American Shire Horse Stud Book			6.00
18	Charles F. Mills		American Clydesdale Stud Book			5.00
18	Thomas E. Wales		Holstein-Friesian Herd Book			2.75

19	Chicago, Milwaukee and St. Paul Rwy. Co.	Transportation	3.92	
20	Wyckoff, Seaman and Benedict	Typewriter	80.00	
20	Capitol, North O street, and South Washington Rwy. Co.	Car tickets	20.83	
20	W. A. Slator			
20	Ira K. Alderman	American Oxford Down Record	12.65	
20	Phil M. Springer	Standard Poland China Record	11.00	
23	Pittsburg, Cincinnati, Chicago and St. Louis Rwy. Co.	American Southdown Record	3.00	
25	Thos. McFarlane	Transportation	23.55	
25	F. W. Wicks	Aberdeen-Angus Herd Book	3.00	
27	Lawyers' Cooperative Publishing Co.	American Jersey Cattle Club Herd Register	2.00	
31	Easton & Rupp	General Digest	6.00	
31	D. E. Salomon	Diary	2.50	
31	E. B. Jones	Salary for March		
31	W. J. Cowing	do	258.30	
31	A. M. Farrington	do	129.20	
31	Robt S. Forbes	do	172.20	
31	Miles Fuller	do	193.70	
31	Geo. A. Martin	do	153.00	
31	D. G. Hatch	do	155.00	
31	Mary Sullivan	do	155.00	
31	W. P. Spurgeon	do	129.20	
31	Wm. B. Grayath	do	120.60	
31	Jas. C. Howe	do	103.30	
31	M. T. Dent	do	103.30	
31	M. G. Marshall	do	86.10	
31	Wilson Carey	do	86.10	
31	D. L. McDewitt	do	62.00	
31	Melville Reed	do	56.80	
31	Andrew J. Ohn	do	41.30	
31		Salary for Mar. 23 to 31	25.00	
1	B. J. Laws	Total for month	2,254.85	248.08
2	Chesapeake and Potomac Telephone Co.	Frames		22.45
3	Easton & Rupp	Rental		33.25
14	E. E. Parsons	Scrap books		9.75
16	H. Baungarten	Salary and expenses, March	137.80	9.61
16	W. B. Moses & Sons	Stamps		5.25
16	Columbia Phonograph Co.	Furniture		5.30
16	W. H. Goodpasture	Rental		106.00
16	Chicago, Rock Island and Pacific Rwy. Co.	American Jack Stock Stud Book		42.50
17	Frank W. Palmer	Transportation		1.60
17	do	20,000 copies		12.60
17	U. S. Express Co.	Record book		10,090.06
21	S. D. Thompson	Charges		23.00
21	B. Westerman & Co.	Percheron Stud Book of France		3.40
21	Wyckoff, Seaman & Benedict	Books		10.00
21		Typewriter, etc.		29.64
				127.50

*Expended from the appropriation for 1890-'91—Continued*

WASHINGTON AND MISCELLANEOUS—Continued.

Date.	Name.	Remarks.	For what paid.	Salaries.	Traveling expenses.	Miscellaneous.
1891.						
Apr. 25	John C. Parker		Stationery	\$247.25		\$128.95
30	D. E. Salmon		Salary for April	123.60		
30	E. B. Jones		do	206.00		
30	Wm. Dickson		do	164.80		
30	W. J. Cowing		do	185.40		
30	A. M. Farrington		do	164.80		
30	Robert S. Forbes		do	148.30		
30	Geo. A. Martin		do	131.90		
30	D. G. Hatch		do	115.40		
30	Mary Sullivan		do	115.40		
30	W. P. Spurgeon		do	98.90		
30	Wm. B. Cravath		do	98.90		
30	J. C. Hoce		do	82.40		
30	M. T. Dent		do	82.40		
30	M. G. Marshall		Salary for April	82.40		
30	Andrew J. Olin		do	39.30		
30	Wilson Carey		do	54.40		
30	D. L. McDevitt		do	18.46		
30	Melville Reed		Salary for Apr. 1 to 14	26.37		
30	do		Salary for Apr. 15 to 30	19.50		
30	Amy Rand		Salary for Apr. 16 to 30			
			Total for month	2,363.68	\$22.21	10,633.85
May 2	W. H. Goodpasture		Stud Book			1.50
5	Chicago, Milwaukee and St. Paul Rwy. Co.	"Des animaux de l'Espèce Mulassier"	Transportation		4.69	
13	F. E. Parsons		Salary and expenses for April	131.90	25.38	
13	Chicago and Northwestern Rwy. Co.		Transportation		3.05	
18	Frank W. Palmer		5,000 copies		7.00	1,565.92
19	J. H. Wallace	"Parasites of Sheep"	Trotting Register			8.79
19	Library Bureau		Cards			12.50
22	Charles L. Condit		Century Dictionary			2.00
26	R. P. Stericker		American Cleveland Bay Stud Book			18.65
28	Chicago and Alton R. R. Co.		Transportation			
28	Adams Express Co.		Charges	255.50		
31	D. E. Salmon		Salary for May	127.80		
31	E. B. Jones		do	170.40		
31	W. J. Cowing		do	191.70		
31	A. M. Farrington		do	170.40		
31	Robert S. Forbes		do			



31	Geo. A. Martin.....	do.....	153.40	47.62	1,616.36
31	D. G. Hatch.....	do.....	136.20	88.96	
31	Mary Sullivan.....	do.....	119.20		110.00
31	W. T. Spurgeon.....	do.....	119.20		17.00
31	T. H. Netherland.....	do.....	119.20		45.00
31	Wm. B. Cravath.....	do.....	102.20		2.00
31	J. C. Hoove.....	do.....	102.20		
31	Chas. P. Salisbury.....	Salary for May, 16 to 31.....	46.15		
31	M. T. Dent.....	Salary for May.....	85.20		
31	M. G. Marshall.....	do.....	85.20		
31	A. J. Olin.....	do.....	61.40		
31	Wilson Carey.....	do.....	56.20		
31	D. L. McDevitt.....	do.....	51.00		
31	Melville Reed.....	do.....	39.00		
31	Amy Rand.....	do.....			
Total for month.....			2,408.65		
Salary and expenses, May.....			136.20		
June 1	F. E. Parsons.....	Furniture.....			
3	W. B. Moses & Sons.....	Maps.....			
3	Rand, McNally & Co.....	Cabinet.....			
3	Wyckoff, Seaman & Benedict.....	Hampshire Down Flock Record.....			
4	John I. Gordon.....	Salary for Apr. 16 to May 31.....	58.50		
8	L. M. Dalzell.....	Salary for June, 10 to 15.....	13.50		
15	James F. Kersey.....	Salary for June, 2 to 15.....	36.00		
15	Jos. McClelland.....	Transportation.....		16.01	
16	Chicago and Northwestern Rwy. Co.....	Typewriter, etc.....			
18	John C. Parker.....	Stationery.....			96.00
18	do.....	Holstein-Friesian Herd Book.....			37.31
18	Thos. B. Wales.....	American Hereford Record.....			5.25
18	C. R. Thomas.....	Stationery.....			9.00
18	Library Bureau.....	Salary and expenses, June 1 to 5.....	40.00	22.50	
19	C. B. Michener.....	Furniture.....			109.00
23	Adams Express Co.....	Charges.....			7.35
23	Wyckoff, Seaman & Benedict.....	Cabinet, etc.....			77.00
26	Louis Bessell & Son.....	Frescoing.....			90.00
27	East Tennessee, Virginia and Georgia Rwy. Co.....	Transportation.....		16.00	
29	U. S. Express Co.....	Charges.....			14.00
30	D. E. Salmon.....	Salary for June.....	247.25		
30	E. B. Jones.....	do.....	123.60		
30	Ch. B. Michener.....	do.....	171.70		
36	W. J. Cowing.....	do.....	164.80		
30	A. M. Farrington.....	do.....	185.40		
30	Robt. S. Forbes.....	do.....	164.80		
30	Geo. A. Martin.....	do.....	148.30		
30	D. G. Hatch.....	do.....	131.90		
30	Mary Sullivan.....	do.....	115.40		
30	W. T. Spurgeon.....	do.....	115.40		
30	T. H. Netherland.....	do.....	115.40		
30	Wm. B. Cravath.....	do.....	98.90		

*Expended from the appropriation for 1890-'91—Continued.*

WASHINGTON AND MISCELLANEOUS—Continued.

Date.	Name.	Remarks.	For what paid.	Salaries.	Traveling expenses.	Miscellaneous.
1891. June 30	J. C. Hooe		Salary for June.....	\$98.90		
30	Chas. P. Salisbury		do.....	98.90		
30	M. T. Dent		do.....	82.40		
30	M. G. Marshall		do.....	82.40		
30	A. J. Olm		do.....	82.40		
30	Wilson Carey		do.....	50.30		
30	D. L. McDevitt		do.....	54.40		
30	Melville Reed		do.....	40.50		
30	Amy Rand		do.....	39.00		
30	B. Z. Wade		Salary for June, 5 to 30.....	33.00		
			Total for month.....	2,747.25	\$143.47	\$621.66
July 11	Royce & Mearns		Electric bells.....			37.20
11	do		Battery fluid.....			1.40
16	F. E. Parsons		Salary and expenses, June.....	131.90	12.25	
16	Chesapeake and Potomac Telephone Co.		Rental.....			33.00
17	Lawyers' Cooperative Publishing Co.		United States Supreme Court Reports.....			5.00
23	Wyckoff, Seamans & Benedict		Copyholder.....			2.50
23	Z. D. Gilman		Ink.....			.70
28	John C. Parker		Stationery.....			341.38
28	Shanahan, Reilly & Co.		Paint, etc.....			291.90
23	Columbia Phonograph Co.		Rental.....			42.50
30	Easton & Rupp		Scrap books.....			4.88
20	Library Bureau		Cardcase.....			13.00
			Total for month.....	131.90	12.25	773.55
Aug. 3	W. B. Moses & Sons		Furniture.....			665.80
5	Great Northern R. R. Co.		Transportation.....		2.27	
10	Chicago, Milwaukee and St. Paul R. R. Co.		do.....		15.42	
10	Pennsylvania R. R. Co.		do.....		20.90	
17	Adams Express Co.		Charges.....			42.85
19	Library Bureau		Cardcase base.....			7.50
27	Barber & Ross		Screens.....			31.00
			Total for month.....		38.59	747.15
						\$785.74

ept. 12	H. Baumgarten	Stamp			1.25
16	Office Specialty Manufacturing Co.	File cases			216.00
30	United States Express Co.	Expressage			20.39
		Total for month	\$237.64		237.64
Oct. 14	Chicago and Northwestern Rwy. Co.	Transportation		7.84	
28	do	do		.64	
		Total for month		8.48	
		22 plates of sheep			88.00
		20,000 copies			11,092.00
		Total for month			11,780.00
		Grand total	\$43,418.52	611.66	26,914.72
			15,892.14		

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